



monarch

Curriculum Catalog

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3rd Grade

Bible 300

Bible 300 begins a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on Christian living, the lives of Jesus and Joseph, Bible study methods, Bible archaeology, friendship, and Christian service. These areas target five content strands: biblical literature, biblical background, Christian growth, Christian evidences, and friendship (a special topic).

Objectives

- Identify how a Christian lives for God.
- Provide an overview of the life of Jesus.
- Provide an overview of the life of Joseph.
- Explain how a Christian can use the Bible.
- Discuss how God takes care of His children.
- Defend the Bible as the Word of God.
- Understand the nature and role of archaeology as they relate to the Bible.
- Explain the need and role of biblical friendships.
- Discuss how Christians help other people.

Unit 1: You Can Use the Bible		
Bible 300	Assignments	
	1. Course Overview	10. How to Memorize Verses
	2. Why Study the Books of the Bible?	11. Quiz 3
	3. Old Testament	12. Time for the BIBLE
	4. New Testament	13. Quiz 4
	5. Quiz 1	14. Special Project*
	6. Be a Detective	15. Test
	7. Study the Bible	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Verses of the Bible	

Unit 2: The Life of Jesus Christ		
Bible 300	Assignments	
	1. A True Story	11. Quiz 3
	2. The Angel Visits Mary and Joseph	12. Jesus is the Son of God
	3. Jesus is Born	13. Jesus Died on the Cross
	4. Quiz 1	14. Jesus Lives Again
	5. Jesus as a Boy	15. Quiz 4
	6. Teachers at the Temple	16. Special Project*
	7. Quiz 2	17. Test
	8. Jesus as a Man	18. Alternate Test*
	9. Jesus Shows Us How to Live	19. Reference
	10. Jesus Saves People	

Unit 3: Joseph! What Was God's Plan?		
Bible 300	Assignments	
	1. Meet Joseph	9. A Famine
	2. A Deep, Dark Pit	10. Joseph's Brothers
	3. Traders	11. A Plan
	4. Quiz 1	12. Quiz 3
	5. Life in Egypt	13. Special Project*
	6. Prison	14. Test
	7. Still More Dreams	15. Alternate Test*
	8. Quiz 2	16. Reference

Unit 4: Living for God		
Bible 300	Assignments	
	1. Abraham Loved God	11. Jamie Learns About Worship
	2. Abraham Obeyed God	12. Quiz 3
	3. Ellen Learns About Loving and Obeying	13. Daniel Served God
	4. Quiz 1	14. Loving and Serving God
	5. Paul and Silas in Jail	15. Bill Makes a Choice
	6. Paul and Silas Praised God	16. Quiz 4
	7. David Praised God	17. Special Project*
	8. Quiz 2	18. Test
	9. Israelites Worshipped the Golden Calf	19. Alternate Test*
	10. Israelites Learn True Worship	20. Reference

Unit 5: God Takes Care of His People		
Bible 300	Assignments	
	1. God Cares for You	8. God Blessed a Good Man
	2. God Showed that He Cares	9. Quiz 3
	3. Quiz 1	10. Special Project*
	4. God Guides and Protects You	11. Test
	5. God Protected Three Believers	12. Alternate Test*
	6. Quiz 2	13. Reference
	7. God Blesses You	

Unit 6: The Bible Is the Word of God		
Bible 300	Assignments	
	1. The Writers	10. God's Word Has Promises: Jesus
	2. Putting it all Together	11. More Promises
	3. Quiz 1	12. Ronnie Finds a Shepherd
	4. God's Word is Preserved: Josiah	13. Quiz 4
	5. Treasure in the Trash Can	14. Special Project*
	6. Quiz 2	15. Test
	7. God's Word Changes Lives: Nehemiah	16. Alternate Test*
	8. Project: Rebuilding the Walls	17. Reference
	9. Quiz 3	

Unit 7: Archaeology and the Bible		
Bible 300	Assignments	
	1. Preparing the Hunt	9. Genesis Discoveries
	2. Project: Be an Archaeologist	10. Solomon's Riches and New Testament Places
	3. The Clue of Old Stories	11. Project: Bible Archaeology
	4. Project: Language*	12. Quiz 3
	5. Quiz 1	13. Special Project*
	6. Supporting God's Word	14. Test
	7. Explaining Puzzles	15. Alternate Test*
	8. Quiz 2	16. Reference
Unit 8: God Gave Us the Need for Friends		
Bible 300	Assignments	
	1. We Need Love	10. Others Need Our Friendship
	2. God Gave Commandments About Love	11. God Commands Us to Love Others
	3. Quiz 1	12. Project: Loving Acts
	4. We Need Friendship	13. Quiz 3
	5. Project: Story*	14. Special Project*
	6. Project: Story Ending*	15. Test
	7. Project: Friendship	16. Alternate Test*
	8. True Friendship	17. Reference
	9. Quiz 2	
Unit 9: God Wants Man to Help Man		
Bible 300	Assignments	
	1. Who am I to Care For?	8. God will Care for Me
	2. How Should I Treat Others?	9. Quiz 3
	3. Quiz 1	10. Special Project*
	4. Why Should I Serve Others?	11. Test
	5. God Loves Others Through Me	12. Alternate Test*
	6. Quiz 2	13. Reference
	7. Who will Care for Me?	
Unit 10: Review		
Bible 300	Assignments	
	1. The Word of God	10. The Children of God
	2. The Written Word	11. Project: Write a Psalm
	3. Writers of the Word	12. Members of God's Family
	4. Quiz 1	13. Quiz 3
	5. Son of God Makes the Word Known	14. Special Project*
	6. Life of Jesus	15. Test
	7. Project: Story of Jesus	16. Alternate Test*
	8. Death and Resurrection	17. Reference
	9. Quiz 2	

History and Geography 300

The third-grade curriculum is an exploration of the history and geography of the United States. The intent of the course is to give the student an overview of the United States. The student will learn map terminology such as latitude, longitude, and compass rose. These and other geographical terms, along with an overview of the geography of the United States, will help the student discuss and understand the geography of the United States.

Objectives

- Identify and use map terminology including latitude, longitude, and compass rose.
- Compare and contrast regional geography across the United States and how this contributes to weather, resources and recreation in the region.
- Examine and describe key events for each region.
- Examine and describe the contributions of famous people from each region.
- Recognize the basics of how the United States was formed.
- Recognize the basics of the operation of United States government.

Unit 1: Geography	
History and Geography 300	Assignments
1.	Course Overview
2.	Map Skills
3.	Longitude and Latitude
4.	Cartographers
5.	Project 1: Map Drawing
6.	Quiz 1: Geography
7.	Alternate Quiz 1: Geography*
8.	Resources
9.	Human Resources
10.	Goods and Services
11.	Quiz 2: Resources
12.	Alternate Quiz 2: Resources*
	13. Community
	14. Culture
	15. Community Organization
	16. Project 2: Essay
	17. Quiz 3: Community
	18. Alternate Quiz 3: Community*
	19. Special Project*
	20. Review Activities
	21. Test
	22. Alternate Test*
	23. Glossary and Credits

Unit 2: New England States	
History and Geography 300	Assignments
1.	States in New England
2.	Geography of New England
3.	Weather of New England
4.	Project 1: Map Drawing of New England States
5.	Quiz 1: New England States
6.	Alternate Quiz 1: New England States*
7.	New England Natural Resources
8.	New England Human Resources
9.	Famous People
10.	Products and Services
11.	Project 2: Research
12.	Quiz 2: New England Resources
	13. Alternate Quiz 2: New England Resources*
	14. New England Community and Culture
	15. Education
	16. Recreation
	17. Quiz 3: New England Community
	18. Alternate Quiz 3: New England Community*
	19. Special Project*
	20. Review Activities
	21. Test
	22. Alternate Test*
	23. Glossary and Credits

Unit 3: Mid-Atlantic States		
History and Geography 300	Assignments	
	1. States in the Mid-Atlantic	13. Alternate Quiz 2: Mid-Atlantic Resources*
	2. Geography of the Mid-Atlantic	14. Mid-Atlantic Community
	3. Weather of the Mid-Atlantic	15. Government
	4. Project 1: Map Drawing of the Mid-Atlantic States	16. Recreation
	5. Quiz 1: Mid-Atlantic States	17. Quiz 3: Mid-Atlantic Community
	6. Alternate Quiz 1: Mid-Atlantic States*	18. Alternate Quiz 3: Mid-Atlantic Community*
	7. Mid-Atlantic Natural Resources	19. Special Project *
	8. Famous People	20. Review Activities
	9. Products and Services	21. Test
	10. Project 2: Research	22. Alternate Test*
	11. Quiz 2: Mid-Atlantic Resources	
Unit 4: Southern-Atlantic States		
History and Geography 300	Assignments	
	1. States in the Southern-Atlantic Region	11. Quiz 2: Southern-Atlantic Resources
	2. Geography of the Southern-Atlantic States	13. Alternate Quiz 2: Southern-Atlantic Resources
	3. Weather of the Southern-Atlantic States	14. Southern-Atlantic Community
	4. Project 1: Map Drawing of the Southern-Atlantic States	15. Space Exploration
	5. Quiz 1: Geography of the Southern-Atlantic States	16. Southern-Atlantic Recreation
	6. Alternate Quiz 1: Geography of the Southern-Atlantic States*	17. Quiz 3: Southern-Atlantic Community
	7. Southern-Atlantic Resources	18. Alternate Quiz 3: Southern-Atlantic Community*
	8. Famous People	19. Special Project*
	9. Products and Services	20. Review Activities
	10. Project 2: Research	21. Test
		22. Alternate Test*
Unit 5: Southern States		
History and Geography 300	Assignments	
	1. States in the Southern Region	13. The Civil War
	2. Geography of the Southern States	14. Music
	3. Weather of the Southern States	15. Recreation
	4. Project 1: Map Drawing of the Southern States	16. Project 2: Research
	5. Quiz 1: Geography of the Southern States	17. Quiz 3: Southern States Community
	6. Alternate Quiz 1: Geography of the Southern States*	18. Alternate Quiz 3: Southern States Community*
	7. Southern States Resources	19. Special Project*
	8. Famous People	20. Review Activities
	9. Products and Industries	21. Test
	10. Quiz 2: Southern States Resources	22. Alternate Test*
	11. Alternate Quiz 2: Southern States Resources*	23. Glossary and Credits
	12. Southern States Community	

Unit 6: Great Lakes States		
History and Geography 300	Assignments	
	1. States in the Great Lakes Region	12. Alternate Quiz 2: Great Lakes Resources*
	2. Geography of the Great Lakes Region	13. Great Lakes Community
	3. Weather in the Great Lakes region	14. Invention
	4. Project 1: Map Drawing of the Great Lakes States	15. Recreation
	5. Quiz 1: Great Lakes States	16. Quiz 3: Great Lakes Community
	6. Alternate Quiz 1: Great Lakes States*	17. Alternate Quiz 3: Great Lakes Community*
	7. Great Lakes States Resources	18. Special Project*
	8. Famous People	19. Review Activities
	9. Project 2: Research	20. Test
	10. Products and Services	21. Alternate Test*
	11. Quiz 2: Great Lakes Resources	22. Glossary and Credits
Unit 7: Midwestern States		
History and Geography 300	Assignments	
	1. States in the Midwest	12. Alternate Quiz 2: Midwest Region Resources
	2. Geography of the Midwest	13. Midwest Community
	3. Weather in the Midwest	14. Native Americans
	4. Project 1: Map Drawing of the Midwest region	15. Recreation
	5. Quiz 1: Midwest States	16. Quiz 3: Midwest Community
	6. Alternate Quiz 1: Midwest States*	17. Alternate Quiz 3: Midwest Community*
	7. Midwest Region Resources	18. Special Project*
	8. Famous People	19. Review Activities
	9. Project 2: Research	20. Test
	10. Products and Services	21. Alternate Test*
	11. Quiz 2: Midwest Region Resources	22. Glossary and Credits
Unit 8: Mountain States		
History and Geography 300	Assignments	
	1. States in the Mountain Region	12. Alternate Quiz 2: Mountain States Resources*
	2. Geography of the Mountain Region	13. Mountain States Community
	3. Weather in the Mountain Region	14. Cowboys
	4. Project 1: Map Drawing of the Mountain Region	15. Recreation
	5. Quiz 1: The Mountain Region	16. Quiz 3: Mountain States Community
	6. Alternate Quiz 1: The Mountain Region*	17. Alternate Quiz 3: Mountain States Community*
	7. Mountain States Resources	18. Special Project*
	8. Famous People	19. Review Activities
	9. Project 2: Research	20. Test
	10. Products and Services	21. Alternate Test*
	11. Quiz 2: Mountain States Resources	22. Glossary and Credits

Unit 9: Pacific States		
History and Geography 300	Assignments	
	1. States in the Pacific Region	12. Alternate Quiz 2: Pacific States Resources*
	2. Geography of the Pacific Region	13. Pacific States Community
	3. Weather in the Pacific Region	14. Computers
	4. Project 1: Map Drawing of the Mountain Region	15. Recreation
	5. Quiz 1: The Pacific Region	16. Quiz 3: Pacific States Community
	6. Alternate Quiz 1: The Pacific Region*	17. Alternate Quiz 3: Pacific States Community*
	7. Pacific States Resources	18. Special Project*
	8. Famous People	19. Review Activities
	9. Project 2: Research	20. Test
	10. Products and Services	21. Alternate Test*
	11. Quiz 2: Pacific States Resources	22. Glossary and Credits
Unit 10: Review		
History and Geography 300	Assignments	
	1. Geography of the United States	11. Mountain States Review
	2. Project 1: Map Drawing: Geography of the United States	12. Pacific States Review
	3. Quiz 1: Geography of the United States	13. Quiz 3: Western US States Review
	4. Alternate Quiz 1: Geography of the United States*	14. Alternate Quiz 3: Western US States Review*
	5. Eastern US States Review	15. Project 2: Poster Project
	6. Southern Atlantic States Review	16. Special Project*
	7. Southern States Review	17. Review Activities
	8. Quiz 2: Eastern US States Review	18. Test
	9. Alternate Quiz 2: Eastern US States Review*	19. Alternate Test*
	10. Western US States Review	20. Glossary and Credits

Language Arts 300

Language Arts 300 focuses on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—introduces students to basic reading skills, including the identification of main ideas, supporting details, sequence, and facts and opinions; shows students how to identify parts of speech in sentences; helps students develop basic literary comprehension skills through the reading of short stories, a short play, and haiku poetry.
- **Writing**—develops students' understanding of sentence structure, providing hands-on experience with complete sentences and parts of speech; introduces students to roots and affixes, and basic word relationships, including homographs, synonyms, and antonyms; develops students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing paragraphs, haiku poetry, short stories, and friendly letters.
- **Special Topics**—introduces basic research skills, including the use of atlases, dictionaries, encyclopedias, newspaper and magazine articles, and textbooks.

Curriculum Contents

Reading Comprehension Skills

- Cause and Effect
- Context Clues
- Determining Author's Purpose—Reading for Entertainment and Reading for Information
- Following Written Directions
- Identifying Facts and Opinions
- Identifying Main Ideas and Supporting Details
- Predicting Outcomes
- Reading Haiku
- Reading a Short Play
- Reading Short Stories
- Sequence

Composition

- Writing a Friendly and Thank You Letter
- Writing Haiku
- Writing Short Stories

Grammar and Usage

- Adjectives—Making Comparisons
- Nouns—Singular and Plural
- Parts of Speech—Identification
- Punctuation—Commas, Exclamation Points, Periods, and Question Marks
- Sentence Structure—Complete Sentences

Literature Studies

- Drama
 - Definition
 - Elements—Structure, Character, and Setting
- Fiction—Definition
- Nonfiction—Definition
- Poetry
 - Definition
 - Elements—Structure, Rhyme, and Meter

- Haiku

Spelling

- Compound Words
- Confusing Spellings
- Irregular Vowels
- Short and Long Vowels
- Silent Letters
- R-controlled and W-controlled Words
- Roots and Affixes
- Word Endings
- Words with “ie,” “ei” and “ar”
- Words with Irregular Vowels

Vocabulary Building

- Compound Words
- Dictionary Skills
- Word Relationships—Synonyms, Antonyms, and Homographs
- Word Structure—Roots and Affixes

Special Topics

- Reference Materials—Atlases, Dictionaries, Encyclopedias

Unit 1: Vowels, Main Idea, Capitalization			
Assignments			
Language Arts 300	1.	Course Overview	12. Grammar: Complete Sentences; Capitalization
	2.	Language Arts Symbols	13. Quiz 3
	3.	Spelling with Short Vowels	14. Grammar: Punctuation
	4.	Quiz 1	15. Spelling with Silent Letters
	5.	Spelling Quiz 1	16. Quiz 4
	6.	Reading to Find the Main Idea	17. Spelling Quiz 3
	7.	Project: Book Report*	18. Special Project*
	8.	Project: Learning a New Language*	19. Review Game
	9.	Spelling with Short Vowels	20. Test
	10.	Quiz 2	21. Alternate Test*
	11.	Spelling Quiz 2	22. Reference

Unit 2: Sentences, Capitalization, ABC Order		
Language Arts 300	Assignments	
	1. Grammar: Sentence Sense; Capital Letters (1)	13. Quiz 3
	2. Project: Book Report—Poetry*	14. Spelling Quiz 3
	3. Spelling with Long Vowels	15. Spelling with Vowel Pairs
	4. Quiz 1	16. Writing a Story
	5. Spelling Quiz 1	17. Quiz 4
	6. Grammar: Capital Letters (2)	18. Spelling Quiz 4
	7. Reading Comprehension	19. Special Project*
	8. Spelling Words That Sound or Look Alike	20. Review Game
	9. Quiz 2	21. Test
	10. Spelling Quiz 2	22. Alternate Test*
	11. Grammar: Alphabetical Order	23. Reference
	12. Spelling with Silent E	
Unit 3: Dictionary Skills, Word Parts, Vocabulary		
Language Arts 300	Assignments	
	1. Grammar: Using the Dictionary	15. Spelling Antonym Pairs
	2. Project: Making Your Own Dictionary*	16. Quiz 3
	3. Grammar: Capital Letters (1)	17. Spelling Quiz 3
	4. Spelling with r-Controlled Vowels	18. Grammar: Capital Letters (2)
	5. Quiz 1	19. Grammar: Synonyms
	6. Spelling Quiz 1	20. Project: Writing a Story about Pets*
	7. Grammar: Word Parts (1)	21. Spelling with or
	8. Grammar: Word Parts (2)	22. Quiz 4
	9. Spelling with ar	23. Spelling Quiz Four
	10. Quiz 2	24. Special Project*
	11. Spelling Quiz 2	25. Review Game
	12. Grammar: Antonyms	26. Test
	13. Reading: Vocabulary	27. Alternate Test*
	14. Project: Book Report--Folk Tales*	28. Reference
Unit 4: Parts Of Speech, Irregular Vowels, Comprehension		
Language Arts 300	Assignments	
	1. Grammar: Nouns	14. Quiz 3
	2. Grammar: Adjectives	15. Grammar: Reviewing Words and Word Parts
	3. Spelling Words with Irregular Vowel Sounds	16. Reading: A Big Surprise
	4. Quiz 1	17. Project: Gideon Today
	5. Spelling Quiz 1	18. Project: Book Report: Biography*
	6. Grammar: Verbs	19. Spelling with y as a Vowel
	7. Grammar: Adverbs	20. Quiz 4
	8. Spelling with w-controlled Vowels	21. Spelling Quiz 3
	9. Quiz 2	22. Special Project*
	10. Spelling Quiz 2	23. Review Game
	11. Grammar: Punctuation Marks	24. Test
	12. Grammar: Using Capital Letters	25. Alternate Test*
	13. Grammar: Using the Dictionary	26. Reference

Unit 5: Reading To Understand, Commas, Silent Letters		
Language Arts 300	Assignments	
	1. Reading (1)	12. Spelling Quiz 2
	2. Grammar: Review	13. Grammar: Reviewing Capital Letters
	3. Project: Vowels*	14. Grammar: Punctuation Marks
	4. Spelling with Different Vowel Sounds	15. Spelling with Suffixes
	5. Quiz 1	16. Quiz 3
	6. Spelling Quiz 1	17. Spelling Quiz 3
	7. Reading: Comprehension	18. Special Project*
	8. Reading: Story Elements	19. Review Game
	9. Project: Book Report--Animal Stories*	20. Test
	10. Spelling with Silent gh	21. Alternate Test*
	11. Quiz 2	22. Reference
Unit 6: Cause and Effect, Homographs, Haiku Poetry		
Language Arts 300	Assignments	
	1. Character/Main Idea/Details in a Parable	12. Spelling Quiz 3
	2. Spelling with -eer and -ion	13. Reading: Haiku Poetry, Homographs
	3. Quiz 1	14. Project: Book Report--Haiku Poetry*
	4. Spelling Quiz 1	15. Project: Haiku Poetry
	5. Grammar: Capitalizing Titles; Using Commas	16. Spelling with -ei and -ie
	6. Spelling with the Letter G	17. Quiz 4
	7. Quiz 2	18. Spelling Quiz 4
	8. Spelling Quiz 2	19. Special Project*
	9. Sequence/Cause and Effect/Responding to a Parable	20. Review Game
	10. Spelling Plurals or Words with -air	21. Test
	11. Quiz 3	22. Alternate Test*
		23. Reference
Unit 7: Following Directions, Suffixes, Pronouns, Friendly Letters		
Language Arts 300	Assignments	
	1. Reading for Main Idea	15. Grammar: Suffixes -er, -est
	2. Grammar: Noun Review	16. Spelling with Suffixes (2)
	3. Grammar: Singular and Plural Nouns (1)	17. Quiz 3
	4. Grammar: Singular and Plural Nouns (2)	18. Spelling Quiz 3
	5. Extra Practice: Singular and Plural Nouns*	19. Composition: Friendly Letters
	6. Spelling Compound Words	20. Essay: Writing a Friendly Letter
	7. Quiz 1	21. Spelling General Words
	8. Spelling Quiz 1	22. Quiz 4
	9. Reading: Follow Directions/ Fact or Fiction	23. Spelling Quiz Four
	10. Project: Following Directions*	24. Special Project*
	11. Spelling with Suffixes (1)	25. Review Game
	12. Quiz 2	26. Test
	13. Spelling Quiz 2	27. Alternate Test*
	14. Grammar: Pronouns	28. Reference

Unit 8: Reading a Play, Comparing With Adjectives, Root Words		
Language Arts 300	Assignments	
	1. Reading for Sequence	13. Reading a Play
	2. Grammar: Adjective Review	14. Grammar: Action Verbs
	3. Spelling with -le	15. Grammar: State-of-Being Verbs
	4. Quiz 1	16. Spelling Root Words
	5. Spelling Quiz 1	17. Quiz 3
	6. Reading for Details	18. Spelling Quiz 3
	7. Grammar: Comparing with Adjectives (1)	19. Special Project*
	8. Grammar: Comparing with Adjectives (2)	20. Review Game
	9. Extra Practice: Comparing with Adjectives*	21. Test
	10. Spelling Compound Words	22. Alternate Test*
	11. Quiz 2	23. Reference
	12. Spelling Quiz 2	
Language Arts 300	Unit 9: Classifying, References, Thank-You Letters, Predicting Outcomes	
	Assignments	
	1. Reading to Classify	12. Spelling Quiz 2
	2. Grammar: Adverbs	13. Reading to Predict Outcome
	3. Spelling with Prefixes	14. Using Reference Books
	4. Quiz 1	15. Spelling with the Suffix -teen
	5. Spelling Quiz 1	16. Quiz 3
	6. Reading for Information	17. Spelling Quiz 3
	7. Project: Book Report—Nonfiction*	18. Special Project*
	8. Composition: Thank-you Letters	19. Review Game
	9. Project: Writing a Thank-you Letter	20. Test
	10. Spelling with Suffixes	21. Alternate Test*
	11. Quiz 2	22. Reference
Language Arts 300	Unit 10: Review	
	Assignments	
	1. Reading: Sequence and Context Clues	12. Quiz 3
	2. Grammar: Vowels	13. Reading Fiction and Nonfiction
	3. Grammar: Using Sentences Correctly	14. Project: Book Report--Historical Fiction*
	4. Quiz 1	15. Grammar: Alphabetical Order
	5. Grammar: Punctuation	16. Project: Writing Paragraphs
	6. Grammar: Capitalizing Words	17. Quiz 4
	7. Quiz 2	18. Special Project*
	8. Reading: Main Ideas; Cause and Effect	19. Review Game
	9. Grammar: Parts of Speech Review	20. Test
	10. Composition: Writing Letters	21. Alternate Test*
	11. Project: Writing Letters	22. Reference

Mathematics 300

Math 300 is a full-year elementary math course focusing on number skills and numerical literacy. In it, students will gain solid experience with number theory and operations, learning how to apply these in measurement situations. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to statistical concepts.

By the end of the course, students will be expected to do the following:

- Understand place value and know how to compare and order numbers.
- Perform addition and subtraction, carrying and borrowing on whole numbers.
- Know basic multiplication facts.
- Understand representations in fraction and mixed number forms.
- Understand concepts of likelihood and basic probability.
- Understand concepts of shape, symmetry, and perimeter.
- Understand measurement concepts, including time and temperature.
- Understand representations using decimals and money.

Unit 1: Whole Numbers	
Assignments	
1. Course Overview	16. Quiz 3
2. Patterns: Digits and Number Words	17. Adding with Carrying
3. Place Value	18. Cardinal and Ordinal Numbers
4. Single-Digit Addition	19. Standard Measurement for Time
5. Single-Digit Subtraction	20. Calendar Time
6. Addition Problems	21. Quiz 4
7. Subtraction Problems	22. Unit Concept Review 1
8. Quiz 1	23. Unit Concept Review 2
9. Numbers on a Number Line	24. Practice: Addition and Subtraction
10. Pattern for Expanded Notation	25. Quiz 5
11. Adding Multi-digit Numbers	26. Special Project*
12. Quiz 2	27. Review Game
13. Subtracting 3-Digit Numbers	28. Test
14. Measurement	29. Alternate Test*
15. Operation Symbols	30. Reference

Unit 2: Number Patterns		
Mathematics 300	Assignments	
	1. Family of Facts	14. Money
	2. Adding Ones, Tens, and Hundreds	15. Review: Borrowing
	3. Subtracting Ones, Tens, and Hundreds	16. Addition: Checking Answers
	4. Quiz 1	17. Subtraction: Checking Answers
	5. Place Value and Number Words	18. Quiz 4
	6. Addition with Carrying	19. Review: Number Order and Place Value
	7. Skip Counting and Number Words	20. Review: Addition and Subtraction Facts
	8. Quiz 2	21. Quiz 5
	9. Skip Counting and Addition with Carrying	22. Special Project*
	10. Fractions	23. Review Game
	11. Subtracting with Borrowing	24. Test
	12. Quiz 3	25. Alternate Test*
	13. Shapes	26. Reference
Unit 3: Whole Numbers and Fractions		
Mathematics 300	Assignments	
	1. Fact Families, Mental Math, and Addition	15. Fractions - Continued
	2. Column Addition	16. Addition Practice
	3. Addition: With and Without Carrying	17. Time: AM and PM
	4. Quiz 1	18. Quiz 4
	5. Measurements: Weight and Volume	19. Review: Addition, Subtraction, and Money
	6. Fact Family, Place Value, and Number Order	20. Review: Story Problems, Lines, Shapes, and Measurement
	7. Checking Addition Problems	21. Quiz 5
	8. More Checking Addition Problems	22. Special Project*
	9. Quiz 2	23. Review Game
	10. Subtraction with Borrowing	24. Test
	11. Number Sentences and Symbols	25. Alternate Test*
	12. Subtraction with Borrowing and Checking	26. Reference
	13. Quiz 3	
	14. Fractions	
Unit 4: Place Value		
Mathematics 300	Assignments	
	1. Numbers to Thousands Place	13. Roman Numerals
	2. Addition and Skip Counting	14. Review: Subtraction with Borrowing
	3. Quiz 1	15. Quiz 4
	4. Rounding and Estimation	16. Review: Fractions
	5. Subtraction with Borrowing	17. Review: Word Problems and Money
	6. Measurement	18. Quiz 5
	7. Quiz 2	19. Special Project*
	8. Number Words and Place Value	20. Review Game
	9. Number Patterns	21. Test
	10. Addition and Subtraction: Horizontal Form	22. Alternate Test*
	11. Quiz 3	23. Reference
	12. Adding and Subtracting Fractions	

Unit 5: Measurement, Shapes, and Review		
Mathematics 300	Assignments	
	1. Operation Symbols and Number Sense	14. Odd And Even Numbers
	2. Multi-Digit Addition And Subtraction	15. Review: Checking Addition
	3. Cardinal and Ordinal Numbers	16. Review: Checking Subtraction
	4. Quiz 1	17. Review: Roman Numerals and Fractions
	5. Number Patterns Using Place Value	18. Quiz 4
	6. Measuring Temperature	19. Review: Multiple Concepts
	7. Quiz 2	20. Review: Story Problems
	8. Operation Symbols	21. Quiz 5
	9. Shapes and Symmetry	22. Special Project*
	10. Rounding and Estimating	23. Review Game
	11. Finding Perimeter	24. Test
	12. Quiz 3	25. Alternate Test*
	13. Multi-Digit Addition and Subtraction	26. Reference
Unit 6: Multiplication, Addition, and Subtraction		
Mathematics 300	Assignments	
	1. Multi-Digit Addition	13. Lines, Angles, and Temperature
	2. Skip Counting and Multiplication	14. Review: Addition and Subtraction
	3. Review: Telling Time	15. Quiz 4
	4. Quiz 1	16. Story Problems
	5. Review: Subtraction	17. Multiple Concept Review
	6. Perimeter and Area	18. Review: Calendar
	7. Review: Fractions	19. Quiz 5
	8. Quiz 2	20. Special Project*
	9. Addition and Equivalent Fractions	21. Review Game
	10. Money Computation and Roman Numerals	22. Test
	11. Quiz 3	23. Alternate Test*
	12. Multiplication	24. Reference
Unit 7: Operations, Likelihood, and Probability		
Mathematics 300	Assignments	
	1. Review: Place Value	13. Quiz 3
	2. Review: Subtraction with Borrowing	14. Review: Money
	3. Multiplication Facts (1)	15. Multiplication Facts (2)
	4. Quiz 1	16. Quiz 4
	5. Measurement	17. Multiple Concept Review
	6. Practicing Subtraction with Borrowing	18. Quiz 5
	7. Mixed Numbers	19. Special Project*
	8. Quiz 2	20. Review Game
	9. Review: Expanded Notation and Roman Numerals	21. Test
	10. Probability and Likelihood	22. Alternate Test*
	11. Math Facts	23. Reference
	12. Symmetry	

Unit 8: Measurement, Fractions, and Decimals		
Mathematics 300	Assignments	
	1. Shapes, Measurement, and Addition	12. Multiple Concept Practice
	2. Time and Measurement	13. Review: Addition With Checking
	3. Quiz 1	14. Quiz 4
	4. Fractions, Odd and Even Number Patterns	15. Word Problems
	5. Decimals	16. Using Graphs
	6. Money Problems	17. Quiz 5
	7. Quiz 2	18. Special Project*
	8. Fractions, Place Value, and Measurement	19. Review Game
	9. Directions	20. Test
	10. Quiz 3	21. Alternate Test*
	11. Multiplication Facts	22. Reference
Unit 9: Review: Multiple Concepts		
Mathematics 300	Assignments	
	1. How Numbers Work	13. Quiz 3
	2. Math Facts	14. Symmetry and Shapes
	3. Add/Subtract with Checking	15. Roman Numerals
	4. Multiplication	16. Quiz 4
	5. Quiz 1	17. Likelihood and Graphing
	6. Equivalent Fractions	18. Problem Solving
	7. Reading and Writing Fractions	19. Quiz 5
	8. Fraction Computation	20. Special Project*
	9. Quiz 2	21. Review Game
	10. Measure: Length, Perimeter, and Area	22. Test
	11. Measure: Money, Time, and Temperature	23. Alternate Test*
	12. Measure: Weight and Volume	24. Reference
Unit 10: Basic Math Review		
Mathematics 300	Assignments	
	1. Review: Rounding and Estimation	13. Review: Shapes and Symmetry
	2. Review: Adding Fractions	14. Review: Roman Numerals
	3. Review: Subtracting Fractions	15. Review: Measurement
	4. Review: Multiplication Facts	16. Quiz 4
	5. Quiz 1	17. Review: Number Symbols and Grouping
	6. Review: Mental Math, Graphs, Likelihood	18. Review: Perimeter and Area
	7. Review: Addition and Subtraction Computation	19. Review: Problem Solving
	8. Quiz 2	20. Quiz 5
	9. Review: Fractions and Decimals	21. Special Project*
	10. Review: Add and Subtract Mixed Numbers and Fractions	22. Review Game
	11. Review: Finding Missing Numbers	23. Test
	12. Quiz 3	24. Alternate Test*
		25. Reference

Science 300

Science 300 is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course provides a broad survey of the major areas of science. Some of the areas covered in Science 300 include the human body, plants, animals, health and nutrition, matter, sound waves, earth science, and heat energy.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects designed to build on children's natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Collectively, this should help students develop a subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Demonstrate a basic understanding of the systems in a human body.
- Discuss the process a plant goes through in order to grow.
- Explain the difference between types of animals.
- Determine which eating and care habits are the most healthy for students.
- Distinguish between the three phases of matter and describe their properties.
- Explain how sound travels.
- Describe why time and seasons change.
- Discuss how rocks are formed and how they change.
- Explain how heat is produced.

Unit 1: You Grow and Change		
Science 300	Assignments	
	1. Course Overview	11. Experiment: Taking Your Pulse
	2. Your Body Breathes Air	12. Project: Bone Numbers*
	3. The Body Needs Oxygen	13. Quiz 3
	4. Experiment: Breathing Patterns	14. Your Body is Different from an Animal
	5. Experiment: Your Lungs*	15. Quiz 4
	6. Quiz 1	16. Special Project*
	7. Your Body Digests Food	17. Review Game
	8. Experiment: Taste Test	18. Test
	9. Quiz 2	19. Alternate Test*
	10. Your Body Exercises and Rests	20. Reference
Unit 2: Plants		
Science 300	Assignments	
	1. Plant Parts	10. Experiment: Plant a Piece of Potato*
	2. Experiment: Root Hairs	11. Experiment: Bean Plant*
	3. Experiment: Study a Stem*	12. Quiz 3
	4. Quiz 1	13. Special Project*
	5. Plant Growth	14. Review Game
	6. Experiment: Grow Some Plants	15. Test
	7. Quiz 2	16. Alternate Test*
	8. Plant Changes	17. Reference
	9. Experiment: Watch Bean Seeds Grow	

Unit 3: Animals: Growth and Change		
Science 300	Assignments	
	1. Animals and The Environment	11. Quiz 2
	2. Experiment: Hourly Temperature Changes	12. How Animals Grow and Change
	3. Experiment: Heat Energy Comparison*	13. Project: Sow Bug Environment
	4. Project: Desert Locations*	14. Quiz 3
	5. Quiz 1	15. Special Project*
	6. How Animals are Different	16. Review Game
	7. Animal Structures	17. Test
	8. Project: Vertebrate Chart	18. Alternate Test*
	9. Eating and Breathing	19. Reference
	10. Project: Sort Birds By Type*	
Unit 4: You Are What You Eat		
Science 300	Assignments	
	1. How to Build a Healthy Body	10. How to Form Good Health Habits
	2. How to Build a Healthy Body-2	11. Caring for the Eyes and Body
	3. Quiz 1	12. Quiz 3
	4. How to Plan for Healthy Eating	13. Special Project*
	5. Project: Breakfast Chart	14. Review Game
	6. Project: Lunch Chart*	15. Test
	7. Project: Dinner Chart*	16. Alternate Test*
	8. Project: Chart Totals*	17. Reference
	9. Quiz 2	
Unit 5: Properties of Matter		
Science 300	Assignments	
	1. Chemistry and Robert Boyle	11. Experiment: Mass Measurement
	2. Experiment: Be a Chemist	12. Experiment: Melting Ice Cubes*
	3. Properties of Matter	13. Chemical Changes
	4. Experiment: Volume	14. Quiz 2
	5. Experiment: Think about Mass*	15. Special Project*
	6. Experiment: Is Air Matter?*	16. Review Game
	7. Project: Matter List*	17. Test
	8. Experiment: Is Water Matter?*	18. Alternate Test*
	9. Quiz 1	19. Reference
	10. Physical Changes	

Unit 6: Sounds and You		
Science 300	Assignments	
	1. What is Sound?	11. How Do You Hear Sounds?
	2. Experiment: Vibrations	12. Experiment: Think About Hearing
	3. Quiz 1	13. Report: How Animals Hear*
	4. How Does Sound Travel?	14. Quiz 3
	5. How Are Different Sounds Made?	15. Special Project*
	6. Experiment: Sound Patterns	16. Review Game
	7. Report: Read and Write About Sound	17. Test
	8. Experiment: High and Low Sounds	18. Alternate Test*
	9. Experiment: Loud or Soft?*	19. Reference
	10. Quiz 2	

Unit 7: Time and Seasons		
Science 300	Assignments	
	1. How the Earth Moves	9. Quiz 2
	2. Experiment: The Earth	10. Why Seasons Change
	3. Experiment: Night	11. Quiz 3
	4. Experiment: The Earth's Rotation*	12. Special Project*
	5. Quiz 1	13. Review Game
	6. Why Time Changes	14. Test
	7. Experiment: Different Times	15. Alternate Test*
	8. Report: Months*	16. Reference

Unit 8: Rocks and Their Change		
Science 300	Assignments	
	1. How Rocks are Formed: By Heat	10. Report: Mount Rushmore
	2. Rocks Formed by Volcanoes	11. Rocks are Used for Enjoyment
	3. How Rocks are Formed: By Pressure	12. Quiz 3
	4. Experiment: Bubbling Grains of Rock	13. Special Project*
	5. Quiz 1	14. Review Game
	6. Rocks are Changed by Wind and Water	15. Test
	7. Rocks are Changed by Heat and Plants	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Rocks are Used for Building	

Unit 9: Heat Energy		
Science 300	Assignments	
	1. Heat Energy (Part 1)	10. Experiment: Changing Liquid to Gas
	2. Experiment: Feeling Friction	11. Quiz 2
	3. Experiment: Oxygen and Fire	12. Heat Energy Affects Our Lives
	4. Heat Energy (Part 2)	13. Quiz 3
	5. Experiment: Static Electricity*	14. Special Project*
	6. Quiz 1	15. Review Game
	7. What Heat Energy Is and Does	16. Test
	8. Experiment: Water Molecules	17. Alternate Test*
	9. Movement of Heat Energy	18. Reference

Unit 10: Review	
Assignments	
Science 300	1. Physical Change: Change in Man
	2. Physical Change: Change in Plants
	3. Physical Change: Change in Animals
	4. Quiz 1
	5. The Earth
	6. Seasons and Times
	7. Project: Rock Collection
	8. Quiz 2
	9. Sounds and Energy
	10. Experiment: How Sound Travels
	11. Experiment: Temperature Comparisons
	12. Quiz 3
	13. Special Project*
	14. Review Game
	15. Test
	16. Alternate Test*
	17. Reference

4th Grade

Bible 400

Bible 400 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on the lives of Peter and Paul (also known as Saul), the existence and knowledge of God, Bible study methods, Psalm 23, Old Testament geography, and Christian witnessing. These areas target five content strands: theology, the attributes of God, biblical literature, biblical background, and Christian evidences.

Objectives

- Understand the nature and benefits of the knowledge of God.
- Describe the lives and ministries of the apostles Peter and Paul.
- Learn and memorize the Bible more effectively.
- Explain the design and message of Psalm 23.
- Provide evidences for the existence of God.
- Demonstrate an understanding of Old Testament geography.
- Witness for Christ with more knowledge and effectiveness.

Unit 1: How Can I Live For God?		
Bible 400	Assignments	
	1. Course Overview	10. Project: Morse Code*
	2. How Peter Lived for God: Peter Found Jesus	11. Grow and Be Fruitful
	3. Peter Followed Jesus	12. Project: Prayers for Others*
	4. Project: Dear Hali	13. Quiz 2
	5. Project: Book Report*	14. Special Project*
	6. Peter Fished for Men and Fed Sheep	15. Test
	7. Project: Jerusalem Journal	16. Alternate Test*
	8. Quiz 1	17. Reference
	9. How I Can Live for God: God's Family	

Unit 2: God's Knowledge		
Bible 400	Assignments	
	1. Evidence of God's Knowledge: Creation	12. Project: Story*
	2. Evidence of God's Knowledge: Love	13. Quiz 3
	3. Quiz 1	14. Use of God's Knowledge: Desire the Best Knowledge
	4. Instruction of God's Knowledge: Bible	15. The Use of God's Knowledge: Seek God When You Are Young
	5. Instruction of God's Knowledge: Jesus and the Holy Spirit	16. Quiz 4
	6. Instruction of God's Knowledge: Prayer	17. Special Project*
	7. Project: Prayer	18. Test
	8. Instruction: Christian Living	19. Alternate Test*
	9. Quiz 2	20. Reference
	10. The Benefits of God's Knowledge: Salvation	
	11. The Benefits of God's Knowledge: Daily Living	

Unit 3: Saul Begins To Live For God		
Bible 400	Assignments	
	1. Saul's Background 2. Persecution: In Jerusalem 3. Persecution: Saul Travels to Damascus 4. Quiz 1 5. God Changes Saul's Life 6. Project: Saul 7. Quiz 2	8. God Uses Saul: To Preach 9. Paul Learns 10. Quiz 3 11. Special Project* 12. Test 13. Alternate Test* 14. Reference

Unit 4: The Bible and Me		
Bible 400	Assignments	
	1. Studying the Bible: Reading 2. Project: Bible Reading* 3. Studying the Bible: Learning 4. Project: Commands 5. Studying the Bible: Thinking 6. Quiz 1 7. Memorizing the Bible 8. Quiz 2 9. Living the Bible Way: Obeying Parents	10. Living the Bible Way: Being Friends 11. Project: Proverbs* 12. Living the Bible Way: Gaining Wisdom 13. Living the Bible Way: Telling the Truth 14. Quiz 3 15. Special Project* 16. Test 17. Alternate Test* 18. Reference

Unit 5: God Cares For Us		
Bible 400	Assignments	
	1. David the Shepherd 2. God Cares for David 3. Quiz 1 4. Psalm 23: Jesus Chooses and Leads His Sheep 5. Psalm 23: Jesus Feeds His Sheep 6. Psalm 23: Jesus Guides His Sheep 7. Psalm 23: Jesus Protects His Sheep 8. Psalm 23: Jesus Loves/Welcomes His Sheep 9. Project: My Psalm	10. Quiz 2 11. Daniel the Helper 12. God Cares for Daniel 13. Quiz 3 14. Memory Verse Quiz 15. Special Project* 16. Test 17. Alternate Test* 18. Reference

Unit 6: How Can I Know God Exists?		
Bible 400	Assignments	
	1. God's Plan For People 2. The Jewish Savior 3. Project: Note To Jesus 4. Quiz 1 5. Man's Search For God: Thomas Aquinas 6. Science And The Bible: The Earth 7. Science And The Bible: Your Body 8. Quiz 2	9. Man And Religion 10. God And Man 11. Project: Books Of The Bible 12. Quiz 3 13. Special Project* 14. Test 15. Alternate Test* 16. Reference

Unit 7: Geography of the Old Testament		
Bible 400	Assignments	
	1. Bible Lands	10. Abraham's Descendants: Isaac and Jacob
	2. Fertile Crescent	11. Abraham's Descendants: Joseph
	3. Surface of the Land	12. The Land of Goshen
	4. Project: Animals in the Bible*	13. Wilderness and the Promised Land
	5. Project: Plants in the Bible*	14. Quiz 2
	6. Quiz 1	15. Special Project*
	7. Old Testament Men and Bible Lands	16. Test
	8. Famine	17. Alternate Test*
	9. Products of the Land	18. Reference

Unit 8: God-Given Worth		
Bible 400	Assignments	
	1. Who Am I?	9. Quiz 2
	2. Project: : Fable	10. How Does God Want Me to See Myself?
	3. Am I Worthy?	11. Knowing that God Helps Me
	4. Quiz 1	12. Quiz 3
	5. God Is My Creator and My Father	13. Special Project*
	6. Wonderfully Taken Care of	14. Test
	7. Wonderfully Adopted	15. Alternate Test*
	8. Savior, Jesus	16. Reference

Unit 9: WITNESSING FOR JESUS		
Bible 400	Assignments	
	1. A Living Witness	11. Project: Susie Reaches Out*
	2. Living a New Life	12. Knowing Who Jesus Is
	3. Loving Others	13. Following Paul's Example
	4. Project: The Samaritan Shows Love	14. Using Personal Testimony
	5. Project: How I Can Show Love*	15. Project: Witnessing Practice
	6. Following Jesus	16. Quiz 2
	7. Showing Kindness to All	17. Special Project*
	8. Quiz 1	18. Test
	9. A Telling Witness	19. Alternate Test*
	10. Reaching People	20. Reference

Unit 10: God's Way Is Perfect		
Bible 400	Assignments	
	1. Learning God's Way	10. Quiz 2
	2. Studying the Bible	11. Loving God's Way
	3. Memorizing the Bible	12. Reaching Others
	4. Examining Science	13. Quiz 3
	5. Understanding Geography	14. Memory Verse Quiz
	6. Quiz 1	15. Special Project*
	7. Living God's Way	16. Test
	8. Walking in the Spirit	17. Alternate Test*
	9. Trusting in God	18. Reference

History and Geography 400

History and Geography 400 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on World Geography, describing the surface of the Earth and its natural features (biomes). It also teaches about cultural distinctives, placing special emphasis on North American geography and culture. Then, expanding on instruction, it presents a survey of Earth and space explorations. These areas of focus target three major content strands: Geography, History, and Social Studies Skills.

Upon completion of the course, students should be able to:

- identify significant explorers, such as Prince Henry, Christopher Columbus, and Ferdinand Magellan, noting their accomplishments
- locate and describe different regions of the world, such as climactic and topographical regions
- understand the world in spatial terms (according to hemispheres and maps)
- locate and describe U.S. regions made up of various groups of states, such as New England and the plains states
- identify cultural and geographic differences between various biomes and countries that are covered in the course

Unit 1: Our Earth	
History and Geography 400	Assignments
	1. Course Overview
	2. Maps
	3. Oceans
	4. Continents
	5. Rivers and Lakes
	6. Quiz 1
	7. Early Exploration of Earth: Part 1
	8. Project: Spices*
	9. Early Exploration of Earth: Part 2
	10. Quiz 2
	11. Recent Exploration of Earth: Part 1
	12. Recent Exploration of Earth: Part 2
	13. Report: Space Flight
	14. Report: Space Missions*
	15. Quiz 3
	16. Special Project*
	17. Review Game
	18. Test
	19. Alternate Test*
	20. Reference

Unit 2: Seaport Cities		
History and Geography 400	Assignments	
	1. Seaports	15. Turkish Culture
	2. Project: Map Part 1	16. Quiz 3
	3. Australia	17. London-Part 1
	4. Sydney	18. Project: Map Part 3
	5. Report: Animals	19. Project: Name the Parts*
	6. Project: Australian Flag*	20. London-Part 2
	7. Quiz 1	21. British Culture
	8. Hong Kong-Part 1	22. Project: Map Part 4
	9. Hong Kong-Part 2	23. Quiz 4
	10. Chinese Culture	24. Special Project*
	11. Quiz 2	25. Review Game
	12. Istanbul-Part 1	26. Test
	13. Project: Map Part 2	27. Alternate Test*
	14. Istanbul-Part 2	28. Reference
Unit 3: Desert Lands		
History and Geography 400	Assignments	
	1. What is a Desert?	10. Project: Nomads*
	2. Life in the Desert	11. Modern Ways of Life
	3. Project: Plants and the Desert	12. Project: Inventions
	4. Project: Desert Animals	13. Quiz 3
	5. Quiz 1	14. Special Project*
	6. Northern Hemisphere Deserts	15. Review Game
	7. Southern Hemisphere Deserts	16. Test
	8. Quiz 2	17. Alternate Test*
	9. How Do People Live in the Desert?	18. Reference
Unit 4: Grasslands		
History and Geography 400	Assignments	
	1. Grasslands	11. Quiz 2
	2. The Ukraine-Part 1	12. Argentina-Part 1
	3. The Ukraine-Part 2	13. Argentina-Part 2
	4. The Ukraine-Part 3	14. Argentina-Part 3
	5. Quiz 1	15. Quiz 3
	6. Kenya-Part 1	16. Special Project*
	7. Kenya-Part 2	17. Review Game
	8. Kenya-Part 3	18. Test
	9. Project: Kenyan Safari	19. Alternate Test*
	10. Kenya-Part 4	20. Reference

Unit 5: Tropical Rainforests	
Assignments	
1. Rainforests of the World	11. History of the Congo
2. Plants and Animals of the Rainforest	12. Report: The Livingstone Story
3. People and the Rainforest	13. People of the Congo Rainforest
4. Report: Rainforest Plants and Animals	14. Quiz 3
5. Quiz 1	15. Special Project*
6. The Amazon	16. Review Game
7. History of Amazonia	17. Test
8. Amerindians of the Amazon	18. Alternate Test*
9. Quiz 2	19. Reference
10. The Congo Rainforest	

Unit 6: The Polar Regions	
Assignments	
1. The Polar Regions	10. The Antarctic Polar Region
2. Ice and Icebergs	11. The Last Place on Earth
3. Quiz 1	12. Report: Polar Explorer
4. Arctic Polar Region	13. Quiz 3
5. Arctic Plant and Animal Life	14. Special Project*
6. Report: Arctic Animal	15. Review Game
7. Life in the Arctic	16. Test
8. The Arctic Today	17. Alternate Test*
9. Quiz 2	18. Reference

History and Geography 400	Unit 7: Mountain Countries	
	Assignments	
	1. Mountain Regions	10. Switzerland of the Alps
	2. The Andes and Peru	11. Swiss History
	3. Peru Today	12. Switzerland Today
	4. Quiz 1	13. Quiz 3
	5. The Himalayas	14. Special Project*
	6. Nepal	15. Review Game
	7. Nepalese History	16. Test
	8. Nepal Today	17. Alternate Test*
	9. Quiz 2	18. Reference

Unit 8: Living in Island Countries		
History and Geography 400	Assignments	
	1. Islands of the World	11. Japanese History
	2. Cuba	12. Life in Japan
	3. Cuban History	13. Japanese Religion and Art
	4. Life in Cuba	14. Quiz 3
	5. Quiz 1	15. Special Project*
	6. Iceland	16. Review Game
	7. History of Iceland	17. Test
	8. Icelandic Life	18. Alternate Test*
	9. Quiz 2	19. Reference
	10. Japan	
Unit 9: North America		
History and Geography 400	Assignments	
	1. Geography	10. Mexico
	2. Peninsulas, Oceans, and Islands	11. Central America
	3. Climate, Resources, and Culture	12. West Indies
	4. Quiz 1	13. Quiz 3
	5. Greenland	14. Special Project*
	6. Canada	15. Review Game
	7. United States-Part 1	16. Test
	8. United States-Part 2	17. Alternate Test*
	9. Quiz 2	18. Reference
Unit 10: Our World in Review		
History and Geography 400	Assignments	
	1. Review of Geography	13. Review of Antarctica
	2. Review of Exploration	14. Quiz 3
	3. Review of Europe	15. Review of North America
	4. Quiz 1	16. Review of the United States
	5. Review of Asia-Part 1	17. Review of the North Polar Region
	6. Review of Asia-Part 2	18. Quiz 4
	7. Review of Africa	19. Special Project*
	8. Quiz 2	20. Review Game
	9. Review of Australia	21. Test
	10. Project: Investigate the Mystery	22. Alternate Test*
	11. Review of South America-Part 1	23. Reference
	12. Review of South America-Part 2	

Language Arts 400

Language Arts 400 focuses on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—introduces students to basic reading skills, including the identification of main ideas, supporting details, sequence, and facts and opinions; shows students how to identify parts of speech in sentences; develops students capacity for identifying basic elements of narrative prose; introduces students to types of nonfiction, including biographies, autobiographies, and short essays; helps students develop basic literary comprehension skills through the reading of short stories, nonfiction pieces, and poetry.
- **Writing**—develops student's understanding of sentence structure, providing hands-on experience with subject-verb agreement and parts of speech; emphasizes parts of speech and their roles, including adjectives, nouns, and verbs; familiarizes students with roots and affixes, and basic word relationships, including homonyms, synonyms, and antonyms; develops students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing paragraphs, four-line poetry, and short stories; guides students through planning, organizing, writing, and revising a report.
- **Listening**—teaches effective listening comprehension skills, weaving these throughout the lessons.
- **Special Topics**—teaches basic research skills, including dictionary, encyclopedia, and safe Internet usage.

Curriculum Contents

Reading Comprehension Skills

- Determining Cause and Effect
- Determining Author's Purpose—Reading for Entertainment and Reading for Information
- Identifying Facts and Opinions
- Identifying Main Ideas and Supporting Details
- Predicting Outcomes
- Reading Poetry
- Determining Reading Rates
- Reading Short Stories
- Reading for Sequence

Composition

- Book Report—Summary
- Paragraph Elements and Structure
- Paraphrasing Parables
- Writing Four Line Poetry
- Writing Friendly Letters and Invitations
- Writing Haiku
- Writing a Report—Outlining, Writing, and Revising
- Writing Short Stories—Narratives, Tall Tales, and Fables

Grammar and Usage

- Adjectives—Making Comparisons, Using Articles, and Changing Nouns to Adjectives
- Kinds of Sentences—Statement, Question, Command, and Surprise/Excitement
- Nouns—Singular and Plural, Possessive, Subjects, and Common and Proper Nouns
- Punctuation—Commas, Exclamation Points, Periods, Question Marks, Quotation Marks, and Apostrophes
- Sentence Structure—Subject-Verb Agreement
- Verbs—Being Verbs, Tense, and Contractions

Literature Studies

- Fiction

- Definition—Short Story
 - Elements—Structure, Character, Plot, and Setting
 - Genre/Type—Allegory, Parable, Fable, and Tall Tale
- Nonfiction
 - Definition
 - Genre/Type—Autobiography, Biography, and Essay
 - Literary Device—Figures of Speech
- Poetry
 - Definition
 - Elements—Structure, Rhyme, Meter, Diction, and Mood
 - Haiku
 - Literary Device—Alliteration

Speaking and Listening

- Listening Skills—Following Directions

Spelling

- Abbreviations
- Compound Words
- Contractions
- Days of the Week
- Names of Months
- Homonyms, Synonyms and Antonyms
- Hyphenated Words
- Possessives
- Roots and Affixes
- Vowel Combinations
- Word Endings
- Words with Silent First Letters
- Words with Silent and Irregular Vowels

Vocabulary Building

- Dictionary Skills
- Word Relationships—Synonyms, Antonyms, and Homographs
- Word Structure—Roots and Affixes

Special Topics

- The Bible as Literature
- Origin/Development of Language
- Research Skills—Reference Materials, Library Skills, and the Internet
- Study Skills—Note Taking

Unit 1: Reading and Writing		
Language Arts 400	Assignments	
	1. Course Overview	14. Quiz 3
	2. Joey and the Sad Tree (Part One)	15. Spelling Quiz Three
	3. Sources of English Words	16. Writing a Report
	4. Spelling Lesson 1	17. Essay: Outline and Report
	5. Quiz 1	18. Spelling Lesson 4: Vowel Combinations
	6. Spelling Quiz One	19. Quiz 4
	7. Joey and the Sad Tree (Part Two)	20. Spelling Quiz Four
	8. Reading Fluency	21. Special Project*
	9. Spelling Lesson 2: R-controlled Vowels	22. Review Game
	10. Quiz 2	23. Test
	11. Spelling Quiz Two	24. Alternate Test*
	12. Study Skills	25. Reference
	13. Spelling Lesson 3: The Vowel O	
	Unit 2: Reading for Meaning	
	Assignments	
	1. Kippy the Kiwi	13. Haiku Poems
	2. Essay: Envyng Others	14. Haiku Poetry Composition
	3. Sound Study	15. Project: Book Report--Haiku Poetry*
	4. Following Instructions	16. Spelling Lesson 3: Suffixes
	5. Spelling Lesson 1: Suffixes	17. Quiz 3
	6. Quiz 1	18. Spelling Quiz Three
	7. Spelling Quiz One	19. Special Project*
	8. Greedy, Selfish, and Honor	20. Review Game
	9. Dictionary Skills	21. Test
	10. Spelling Lesson 2	22. Alternate Test*
	11. Quiz 2	23. Reference
	12. Spelling Quiz Two	
	Unit 3: Word Play	
	Assignments	
	1. Why William Was Thankful	14. Spelling Lesson 3: Synonyms
	2. Root Words, Prefixes and Suffixes (1)	15. Quiz 3
	3. Root Words, Prefixes and Suffixes (2)	16. Spelling Quiz Three
	4. Spelling Lesson 1	17. More About Poetry
	5. Quiz 1	18. Project: Book Report—Poetry*
	6. Spelling Quiz One	19. Spelling Lesson 4: Antonyms
	7. Candy Bars	20. Quiz 4
	8. Homonyms	21. Spelling Quiz Four
	9. Spelling Lesson 2: Homonyms	22. Special Project*
	10. Quiz 2	23. Review Game
	11. Spelling Quiz Two	24. Test
	12. Poetic Expressions	25. Alternate Test*
	13. Synonyms and Antonyms	26. Reference

Unit 4: Words in Season		
Language Arts 400	Assignments	
	1. Heidi	16. Adverbs
	2. Nouns and Verbs	17. Spelling Lesson 3: Adverbs
	3. Adjectives	18. Quiz 3
	4. Adjectives That Compare	19. Spelling Quiz Three
	5. Possessive Words	20. Writing Study Notes
	6. Spelling Lesson 1: Possessive Pronouns	21. Subject-Verb Agreement; Verb Tense
	7. Quiz 1	22. Spelling Lesson 4
	8. Spelling Quiz One	23. Quiz 4
	9. Fiction and Nonfiction	24. Spelling Quiz Four
	10. Project: Book Report—Fiction*	25. Special Project*
	11. Kinds of Sentences	26. Review Game
	12. Spelling Lesson 2: Suffixes	27. Test
	13. Quiz 2	28. Alternate Test*
	14. Spelling Quiz Two	29. Reference
	15. Following Directions; Writing Invitations	

Unit 5: Reading and Writing Stories		
Language Arts 400	Assignments	
	1. Reading Skills (1)	15. Quiz 3
	2. Paragraphs	16. Spelling Quiz Three
	3. Essay: Writing Paragraphs	17. Writing Stories
	4. Spelling Lesson 1: Prefixes	18. Essay: Writing a Story
	5. Quiz 1	19. Spelling Lesson 4: Silent Letters and Unusual Vowels
	6. Spelling Quiz One	20. Quiz 4
	7. Reading Skills (2)	21. Spelling Quiz Four
	8. Capital Letters	22. Special Project*
	9. Spelling Lesson 2: Contractions	23. Review Game
	10. Quiz 2	24. Test
	11. Spelling Quiz Two	25. Alternate Test*
	12. The Hobby of Stamp Collecting	26. Reference
	13. Punctuation Marks	
	14. Spelling Lesson 3: Prefixes	

Unit 6: Rhymes and Reports		
Language Arts 400	Assignments	
	1. Fact and Opinion	14. Characteristics of Poetry
	2. Book Reports	15. Analyzing Poetry
	3. Essay: Writing a Summary	16. Essay: Four Line Poem
	4. Project: Book Report: Nonfiction*	17. Spelling Lesson 3: Days of the Week; Hyphenated Words
	5. Spelling Lesson 1: Months and Abbreviations	18. Quiz 3
	6. Quiz 1	19. Spelling Quiz Three
	7. Spelling Quiz One	20. Special Project*
	8. Following Directions in Parables and Fables	21. Review Game
	9. Essay: Paraphrasing Parables	22. Test
	10. Spelling Lesson 2: Suffixes	23. Alternate Test*
	11. Quiz 2	24. Reference
	12. Spelling Quiz Two	
	13. Poetry Review	

Unit 7: Forms of Literature		
Language Arts 400	Assignments	
	1. Biography	14. Tall Tales
	2. Project: Book Report—Biography*	15. Essay: Tall Tale
	3. Exploring Nouns	16. Project: Book Report: Folk Tales*
	4. Exploring Singular and Plural Nouns	17. Exploring Verbs (2)
	5. Spelling Lesson 1: Two-Syllable Words	18. Spelling Lesson 3: More Words With Two Syllables
	6. Quiz 1	19. Quiz 3
	7. Spelling Quiz One	20. Spelling Quiz Three
	8. Fables	21. Special Project*
	9. Essay: Writing a Fable	22. Review Game
	10. Exploring Verbs	23. Test
	11. Spelling Lesson 2: Words with Open Syllables	24. Alternate Test*
	12. Quiz 2	25. Reference
	13. Spelling Quiz Two	

Unit 8: Language in Literature		
Language Arts 400	Assignments	
	1. Reading (1)--On the Farm	14. Figurative Language
	2. Adjectives	15. Paragraph Writing
	3. Spelling Lesson 1: CVR/VC Words	16. Essay: Narrative Writing
	4. Quiz 1	17. Essay: Descriptive Paragraph*
	5. Spelling Quiz One	18. Spelling Lesson 3: Silent Letters; Compound Words with Suffixes
	6. Reading: The Power of God's Word	19. Quiz 3
	7. Adjectives That Compare	20. Spelling Quiz Three
	8. Adverbs	21. Special Project*
	9. Spelling Lesson 2: Words with Digraphs	22. Review Game
	10. Quiz 2	23. Test
	11. Spelling Quiz Two	24. Alternate Test*
	12. Reading: The Early Olympic Games	25. Reference
	13. Essay: The Olympic Games*	

Unit 9: Reading and Researching

Assignments

- | | | |
|-------------------|---|--|
| Language Arts 400 | 1. Reasons for Reading | 15. Finding Information |
| | 2. Reading Skills (1) | 16. Taking Notes and Making an Outline |
| | 3. Project: The Navajo* | 17. Project: Report Part One |
| | 4. Spelling Lesson 1: Words that End with -le | 18. Writing a Report |
| | 5. Quiz 1 | 19. Project: Report Part Two |
| | 6. Spelling Quiz One | 20. Project: Report Part Three |
| | 7. A Little Salt, Please | 21. Spelling Lesson 3: Prefixes and Suffixes |
| | 8. Reading Skills (2) | 22. Quiz 3 |
| | 9. Project: Salt in the Bible* | 23. Spelling Quiz Three |
| | 10. Project: Book Report--Historical Fiction* | 24. Special Project* |
| | 11. Spelling Lesson 2: Two Syllable Words | 25. Review Game |
| | 12. Quiz 2 | 26. Test |
| | 13. Spelling Quiz Two | 27. Alternate Test* |
| | 14. Planning a Report | 28. Reference |

Unit 10: Review

Assignments

- | | | | | |
|-------------------|-----|---|-----|--|
| Language Arts 400 | 1. | Lost (Parts One and Two) | 12. | Quiz 3 |
| | 2. | Thinking About What You Read | 13. | Essay: Narrative or Descriptive Writing Review |
| | 3. | Quiz 1 | 14. | Essay: Writing a Letter Review* |
| | 4. | Using a Dictionary | 15. | Report: Book Report* |
| | 5. | Working With Nouns, Adjectives, and Adverbs | 16. | Report: Writing a Report Review* |
| | 6. | Verbs of Action or Being | 17. | Special Project* |
| | 7. | Word Parts and Word Play | 18. | Review Game |
| | 8. | Punctuating Correctly | 19. | Test |
| | 9. | Quiz 2 | 20. | Alternate Test* |
| | 10. | Study Skills and Note Taking | 21. | Reference |
| | 11. | Recognizing Literary Forms | | |

Mathematics 400

Math 400 is a full-year elementary math course focusing on number skills and numerical literacy. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates geometric concepts and skills throughout the units, teaches measurement skills, and introduces students to statistical concepts.

By the end of the course, students will be expected to do the following:

- Perform all four operations on whole numbers.
- Compare and order numbers, using place value and rounding.
- Add and subtract fractions and decimals.
- Understand measurement concepts, including the metric system.
- Calculate perimeters and areas of regular plane shapes.
- Represent data on varied statistical charts.

Unit 1: Number Sense and Place Value	
Assignments	
1. Course Overview	16. Quiz 3
2. Place Value to 1,000s	17. Reading and Writing Fractions
3. Single-Digit Addition	18. Practice Multiplication
4. Single-Digit Subtraction	19. Counting Money
5. Multi-Digit Addition	20. Operations
6. Multi-Digit Subtraction	21. Quiz 4
7. Review Place Value to 1,000s	22. Review: Numbers
8. Quiz 1	23. Story Problems
9. Multiplication Facts	24. Quiz 5
10. Family of Facts	25. Special Project*
11. Telling Time	26. Review Game
12. Quiz 2	27. Test
13. Number Words	28. Alternate Test*
14. Patterns	29. Reference
15. Cardinal and Ordinal Numbers	

Unit 2: Rounding and Estimation		
Mathematics 400	Assignments	
	1. Operations	15. Equivalent Fractions
	2. Multiplication Facts: 6-10 and Review	16. Rounding Numbers to 100s
	3. Using Standard Measures	17. Estimating Answers to 100s
	4. Quiz 1	18. Review: Computation
	5. Place Value to 10,000s	19. Quiz 4
	6. Relation Symbols	20. Review: Bar Graphs and Fractions
	7. Missing Number Equations	21. Review: Fractions
	8. Review: Even and Odd Numbers	22. Quiz 5
	9. Quiz 2	23. Special Project*
	10. Adding and Subtracting Fractions	24. Review Game
	11. Rounding Numbers to 10s	25. Test
	12. Estimating Answers to 10s	26. Alternate Test*
	13. Review: Math Symbols	27. Reference
	14. Quiz 3	
Mathematics 400	Unit 3: Whole Numbers and Fractions	
	Assignments	
	1. Place Value	15. Quiz 3
	2. Rounding Numbers to 10s, 100s, and 1,000s	16. Equivalent Fractions
	3. Multiply with Carrying to 10s	17. Learn Numbers to 100,000s
	4. Multiplication Practice	18. Equations
	5. Quiz 1	19. Quiz 4
	6. Multi-Digit Addition and Subtraction	20. Reading and Solving Story Problems
	7. Rounding and Estimating	21. Line Graphs
	8. Fractions Equal to Whole Numbers	22. Quiz 5
	9. Quiz 2	23. Special Project*
	10. Estimate Answers to 1,000s	24. Review Game
	11. Relation Symbols	25. Test
	12. Fractions	26. Alternate Test*
	13. Add and Subtract to 10,000s	27. Reference
	14. Check Your Answers	
Mathematics 400	Unit 4: Lines and Shapes	
	Assignments	
	1. Plane and Solid Shapes	12. Missing Number Problems
	2. Quiz 1	13. Review: Operation and Relation Symbols
	3. Practice Addition and Subtraction	14. Quiz 4
	4. Place Value and Rounding	15. Review: Expanded Notation and Estimation
	5. Multiply with Carrying to 100s	16. Review: Fractions and Place Value
	6. Quiz 2	17. Quiz 5
	7. Lines, Segments, End Points, Rays, Angles	18. Special Project*
	8. Lines, Directions, and Maps	19. Review Game
	9. Quiz 3	20. Test
	10. Review: Plane and Solid Shapes	21. Alternate Test*
	11. Fractions	22. Reference

Unit 5: Division and Measurement		
Mathematics 400	Assignments	
	1. Introduction to Division	14. Quiz 3
	2. Multiplication	15. Missing Number Problems
	3. Addition and Subtraction	16. Division Practice
	4. Review: Time and Number Sense	17. Roman Numerals
	5. Quiz 1	18. Review: Regrouping
	6. Linear Measurement	19. Quiz 4
	7. Capacity (Dry and Liquid Measurement)	20. Patterns
	8. Division Facts	21. Quiz 5
	9. Review: Multiplication	22. Special Project*
	10. Quiz 2	23. Review Game
	11. Reading a Calendar	24. Test
	12. Perimeter and Area	25. Alternate Test*
	13. Finding Perimeter and Area	26. Reference
Unit 6: Multiplication and Fractions		
Mathematics 400	Assignments	
	1. Prime and Composite Numbers	13. Equivalent Fractions
	2. Multiples	14. Review: Rounding and Shapes
	3. Division with Remainders	15. Quiz 4
	4. Quiz 1	16. Factors and Multiples
	5. Equations and Grouping	17. Problem Solving with Equations
	6. Proper and Improper Fractions	18. Quiz 5
	7. Quiz 2	19. Special Project*
	8. Multiplication Facts For 11 and 12	20. Review Game
	9. Fractions and Mixed Numbers	21. Test
	10. Review: Division and Roman Numerals	22. Alternate Test*
	11. Quiz 3	23. Reference
	12. Measurements	
Unit 7: Fractions and Patterns		
Mathematics 400	Assignments	
	1. Multiplication and Division	13. Review: Shapes, Perimeter, and Area
	2. Factors, Multiples, and Variables	14. Fractions and Patterns
	3. Fractions	15. Practice: Operations and Money
	4. Quiz 1	16. Quiz 4
	5. Multiplication and Fractions	17. Review: Cardinal and Ordinal Numbers
	6. Average and Number Rules	18. Quiz 5
	7. Review: Measurement and Place Value	19. Special Project*
	8. Quiz 2	20. Review Game
	9. Fractions	21. Test
	10. Missing Number Problems	22. Alternate Test*
	11. Quiz 3	23. Reference
	12. Rounding Numbers and Place Value	

Unit 8: Division and Fractions		
Mathematics 400	Assignments	
	1. Factoring and Place Value	13. Fractions
	2. Review: Two-Digit Multiplication	14. Review: Time
	3. Fractions	15. Quiz 4
	4. Quiz 1	16. Review: Operations and Rounding
	5. Division	17. Review: Roman Numerals, Measurement, and Symbols
	6. Fractions	18. Quiz 5
	7. Missing Number Problems	19. Special Project*
	8. Quiz 2	20. Review Game
	9. Multiplication	21. Test
	10. Division	22. Alternate Test*
	11. Quiz 3	23. Reference
	12. The Metric System	
Unit 9: Decimals and Fractions		
Mathematics 400	Assignments	
	1. Decimals	13. Mixed Numbers
	2. Money	14. Sensible Answers
	3. Multiplication of Whole Numbers	15. Quiz 4
	4. Quiz 1	16. Review: Fractions
	5. Ordered Pairs	17. Review
	6. Division and Averages	18. Quiz 5
	7. Quiz 2	19. Special Project*
	8. Add and Subtract Decimals	20. Review Game
	9. Fractions with Different Denominators	21. Test
	10. Equivalent Fractions and Decimals	22. Alternate Test*
	11. Quiz 3	23. Reference
	12. Multiply and Divide	
Unit 10: Graphing and Review		
Mathematics 400	Assignments	
	1. Data Collection and Random Sampling	11. Quiz 3
	2. Project: Collecting Data	12. Sizes, Shapes, and Measurements
	3. Project: Predicting Data	13. Word Problems and Equations
	4. Graphs	14. Quiz 4
	5. Quiz 1	15. Special Project*
	6. Whole Numbers	16. Review Game
	7. Decimal Numbers	17. Test
	8. Quiz 2	18. Alternate Test*
	9. Problem Solving with Fractions	19. Reference
	10. Fractions	

Science 400

Science 400 is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course builds on concepts taught in Science 300, providing a broad survey of the major areas of science. Some of the areas covered in Science 400 include the study of plants and animals, ecology, work and simple machines, electricity and magnetism, properties of water and matter, weather, solar system, and the different spheres of earth.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on children's natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Describe different uses for plants.
- Discuss the differences among the ways that different animals act.
- Understand how people are responsible for preserving and conserving nature.
- Explain the different types of simple machines.
- Describe an electrical current and how it relates to magnetism.
- Demonstrate an understanding of the different properties of water.
- Observe weather and how it affects people.
- Describe our solar system.
- Discuss the three different spheres of the earth and how they interact.
- Explain the changes in seasons and time.

Unit 1: Plants	
Assignments	
1. Course Overview	11. How Plant Parts Function
2. Plant Life	12. Experiment: Celery
3. Plants Used As Food and Shelter	13. How Plant Parts Function (Part 2)
4. Project: Things Made of Wood*	14. How Plant Parts Function (Part 3)
5. Report: Read and Write*	15. Quiz 2
6. Plants Used For Enjoyment and Symbols	16. Special Project*
7. Report: Flowers as State Symbols	17. Review Game
8. Report: Flower Paragraph*	18. Test
9. Quiz 1	19. Alternate Test*
10. Parts of Plants	20. Reference

Unit 2: Animals		
Science 400	Assignments	
	1. How Animals are Structured	14. How Animals Act: Insects
	2. Whales	15. Report: Honeybee Habits
	3. Report: Types of Whales	16. Quiz 2
	4. Birds	17. Animal Instinct
	5. Reptiles and Fish	18. Man Protects Animals
	6. Report: Writing about Fish*	19. Project: Animal Scrapbook*
	7. Project: Observing Fish*	20. Quiz 3
	8. How Animals Eat and Digest Food	21. Special Project*
	9. How Animals Breathe	22. Review Game
	10. Quiz 1	23. Test
	11. How Animals Act: Mammals	24. Alternate Test*
	12. How Animals Act: Salmon	25. Reference
	13. How Animals Act: Birds	

Unit 3: Man and His Environment		
Science 400	Assignments	
	1. Ecology	17. Report: Forest Community*
	2. Project: Your Environment*	18. Quiz 2
	3. Resources	19. Misuse of the Environment
	4. Food Chains	20. Project: Ask an Expert*
	5. Ecosystem Populations	21. Report: Endangered Species*
	6. Project: Populations*	22. Resource Conservation
	7. Balance of Nature	23. Report: How to Save Energy*
	8. Project: Make a Pyramid*	24. Environmental Preservation
	9. Report: Rabbits in Australia*	25. Report: Special Treasures*
	10. Quiz 1	26. Quiz 3
	11. Water Communities	27. Special Project*
	12. Experiment: Still Water Life*	28. Review Game
	13. Land Communities	29. Test
	14. Project: Human Communities	30. Alternate Test*
	15. Report: Read and Write*	31. Reference
	16. Project: Terrarium or Diorama*	

Unit 4: Machines		
Science 400	Assignments	
	1. Machines Are Needed: Work	13. Simple Machines: Wheel and Axle
	2. Report: Galileo*	14. Simple Machines: Pulleys
	3. Experiment: Gravity*	15. Experiment: Pulleys*
	4. Machines Are Needed: Energy	16. Quiz 2
	5. Quiz 1	17. Compound Machines
	6. Simple Machines: Lever	18. Quiz 3
	7. Experiment: Lever	19. Special Project*
	8. Experiment: Seesaw*	20. Review Game
	9. Simple Machines: Inclined Plane	21. Test
	10. Experiment: Inclined Plane*	22. Alternate Test*
	11. Simple Machines: Wedge and Screw	23. Reference
	12. Experiment: Screw and Nail*	

Unit 5: Electricity and Magnetism		
Science 400	Assignments	
	1. Electricity	13. Experiment: Make a Magnet

Science 400	2. Report: Thomas Edison	14. Experiment: Magnet Poles*
	3. Experiment: Static Electricity	15. Experiment: Testing a Magnet*
	4. Currents and Circuits	16. Experiment: Generate Electricity*
	5. Project: Conductors	17. Experiment: Electromagnet*
	6. Experiment: Wet Cell*	18. Report: Explorers*
	7. Project: Electric Objects*	19. Quiz 2
	8. Electrical Use and Safety	20. Special Project*
	9. Project: Fuses in Use	21. Review Game
	10. Quiz 1	22. Test
	11. Magnetism	23. Alternate Test*
	12. Experiment: Use a Magnet	24. Reference

Unit 6: Water and Matter

Science 400	Assignments	
	1. Water	11. Matter
	2. Experiment: Ice	12. Molecules and Atoms
	3. Experiment: Ice Volume*	13. Experiment: Molecules*
	4. Water as a Liquid	14. Elements
	5. Experiment: Potato*	15. Quiz 2
	6. Water as a Gas	16. Special Project*
	7. Experiment: Forming Dew*	17. Review Game
	8. Water as a Solvent	18. Test
	9. Experiment: Solubility	19. Alternate Test*
	10. Quiz 1	20. Reference

Unit 7: Weather

Science 400	Assignments	
	1. The Atmosphere	11. Quiz 2
	2. Experiment: Air and Space*	12. Prediction of Weather
	3. Temperature	13. Project: Thermometers*
	4. Experiment: Temperature	14. Quiz 3
	5. Air Pressure	15. Special Project*
	6. Experiment: Pressure	16. Review Game
	7. Quiz 1	17. Test
	8. Forces of Weather	18. Alternate Test*
	9. Sand and Dust Storms	19. Reference
	10. Report: Hurricanes*	

Unit 8: Our Solar System and the Universe		
Science 400	Assignments	
	1. A Trip Through Space	12. Experiment: Moon Phases
	2. Our Big Universe	13. Quiz 2
	3. Report: Astronomy Instruments	14. The Stars and Space
	4. Essay: Astronomy*	15. Essay: Astrology*
	5. Quiz 1	16. The Milky Way and Other Galaxies
	6. The Sun	17. Quiz 3
	7. Essay: Ancient People*	18. Special Project*
	8. Movements	19. Review Game
	9. Report: Isaac Newton*	20. Test
	10. Heavenly Bodies Around the Sun	21. Alternate Test*
	11. Our Moon	22. Reference
Unit 9: The Planet Earth		
Science 400	Assignments	
	1. The Air (Atmosphere)	11. Experiment: Shadows
	2. Experiment: Condensation	12. Earth's Land Formations
	3. Gases in the Atmosphere	13. Earth's Rotation and Revolution
	4. Quiz 1	14. Quiz 3
	5. The Water (Hydrosphere)	15. Special Project*
	6. Essay: Psalm 147*	16. Review Game
	7. Salt Water	17. Test
	8. Experiment: Currents*	18. Alternate Test*
	9. Quiz 2	19. Reference
	10. The Land (Lithosphere)	
Unit 10: Understanding God's Wonderful Creation		
Science 400	Assignments	
	1. Review: The Solar System	12. Quiz 3
	2. Review: The Earth	13. Review: Ecology
	3. Quiz 1	14. Review: Conservation
	4. Review: Matter	15. Report: Passenger Pigeon*
	5. Review: Water	16. Quiz 4
	6. Review: Weather	17. Special Project*
	7. Project: Weather Scrapbook*	18. Review Game
	8. Quiz 2	19. Test
	9. Review: Electricity and Magnetism	20. Alternate Test*
	10. Project: Thomas Alva Edison*	21. Reference
	11. Review: Machines	

5th Grade

Bible 500

Bible 500 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on biographies of faithful people, angels, the presence of God, Bible study methods, the Christian's relationships, and Paul's missionary journeys. These areas target five content strands: theology, the attributes of God, biblical literature, biblical background, and Christian evidences.

Objectives

- Follow the examples of godly Christians.
- Understand the nature and ministry of angels.
- Appreciate the presence of God everywhere and in their lives.
- Distinguish between the different types of literature in the Bible.
- Discuss biblical proofs for what Christians believe.
- Identify key people, places, and events in Paul's missionary journeys.
- Understand the different ways that God is a judge.
- Explain the role of law and authority in God's world.

Unit 1: How Others Lived For God		
Bible 500	Assignments	
	1. Course Overview	12. Quiz 2
	2. Believers in God	13. Noah and Ruth
	3. Abraham, Man of Faith	14. Overview: Noah and Ruth*
	4. Overview: Abraham	15. Hannah, Jonah, and Peter
	5. Quiz 1	16. Overview: Hannah, Jonah, Peter*
	6. Paul, More than a Conqueror	17. Great Cloud of Witnesses
	7. Overview: Paul*	18. Quiz 3
	8. David, A Man After God's Heart	19. Special Project*
	9. Overview: David	20. Test
	10. John, Apostle of Love	21. Alternate Test*
	11. Overview: John*	22. Reference
Unit 2: Angels		
Bible 500	Assignments	
	1. Angels are Real	9. Angels During Jesus' Ministry
	2. Kinds of Angels	10. Angels at the End of Jesus' Earthly Ministry
	3. Quiz 1	11. Quiz 3
	4. Speaking to God's Children	12. Special Project*
	5. Protecting God's Children	13. Test
	6. Guiding and Caring for God's Children	14. Alternate Test*
	7. Quiz 2	15. Reference
	8. Angels at Jesus' Birth and Early Life	

Unit 3: The Presence of God		
Bible 500	Assignments	
	1. God Is Present Everywhere	10. Quiz 2
	2. God Is Present Everywhere as a Person	11. In My Life: Communicates and Saves
	3. Activity: Problem Solving*	12. In My Life: Helps and Provides
	4. Quiz 1	13. Project: The Main Idea
	5. In the Lives of Adam, Eve, Israel, Joshua, Gideon	14. Quiz 3
	6. In the Lives of Hebrews in Babylon, Disciples, Believers	15. Special Project*
	7. In the Lives of David Brainerd and David Livingstone	16. Test
	8. In the Life of Gladys Aylward	17. Alternate Test*
	9. Activity: Write a Story*	18. Reference
Unit 4: Bible Methods and Structure		
Bible 500	Assignments	
	1. The Bible: One Book	10. The Life of Jesus Christ
	2. The Bible: Many Parts	11. Followers of Jesus
	3. Report: History of the Bible	12. Epistles
	4. Quiz 1	13. Quiz 3
	5. The Old Testament: Books of History	14. Special Project*
	6. Books of Poetry	15. Test
	7. Books of Prophecy/ Intro to New Testament	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. The New Testament: Introduction	
Unit 5: The Christian in the World		
Bible 500	Assignments	
	1. At Home: Hearing and Obeying	9. At Work: Relationships
	2. At Home: Correction	10. At Work: Good Attitudes
	3. Quiz 1	11. At Work: Bad Attitudes
	4. At School: Relationships	12. Quiz 3
	5. At School: Good Attitudes	13. Special Project*
	6. Activity: The Gossip Game*	14. Test
	7. At School: Good and Bad Attitudes	15. Alternate Test*
	8. Quiz 2	16. Reference
Unit 6: Proving What We Believe		
Bible 500	Assignments	
	1. The Bible Is God's Word: Biblical Evidence	9. Evidence from Eyewitnesses
	2. Evidence from History	10. Evidence from Christian Experience
	3. Evidence from Human Experience	11. Project: What I Believe
	4. Quiz 1	12. Quiz 3
	5. The World Was Created: Physical Science	13. Special Project*
	6. Evidence from Life Science	14. Test
	7. Quiz 2	15. Alternate Test*
	8. Christ Arose: Prophecy Fulfilled	16. Reference

Unit 7: Paul's Missionary Journeys		
Bible 500	Assignments	
	1. Paul's Preparation: Background	10. Report: Disagreements*
	2. Relation to Judaism	11. Quiz 2
	3. Conversion, Early Training, and Ministry	12. Paul's Third Missionary Journey
	4. Barnabas	13. Paul's Last Years and Message
	5. Quiz 1	14. Quiz 3
	6. Paul's First Missionary Journey	15. Special Project*
	7. Iconium/Lystra/Derbe/Jerusalem Council	16. Test
	8. Paul's Second Missionary Journey	17. Alternate Test*
	9. Philippi/Berea/Athens/Corinth	18. Reference
Unit 8: God Created Man for Eternity		
Bible 500	Assignments	
	1. Preparing for Eternity	9. Rewards in Heaven
	2. Project: Eternity	10. Quiz 2
	3. Report: Sanhedrin*	11. The Great White Throne Judgment
	4. Growing in Christ	12. Quiz 3
	5. Blessings on Earth	13. Special Project*
	6. Quiz 1	14. Test
	7. Christ Is our Judge	15. Alternate Test*
	8. The Judgment of the Christian	16. Reference
Unit 9: Authority and Law		
Bible 500	Assignments	
	1. God: The Source of All Authority	10. Activity: Life Without Government
	2. Jesus Is the Model of Obedience	11. Types of Government
	3. The Holy Spirit Is the Guide	12. Living with Governmental Law and Authority
	4. Quiz 1	13. Quiz 3
	5. Authority in the Family	14. Special Project*
	6. Report: Delegated Authority	15. Test
	7. Living Governed by Family Authority	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Government: Agency of Authority and Law	
Unit 10: Review		
Bible 500	Assignments	
	1. The Presence of God	11. Quiz 3
	2. Angels	12. Order of God's Authority
	3. Activity: Angel Story*	13. Areas of Our World
	4. Quiz 1	14. Outcome of Our Lives
	5. Understanding God's Word: Bible Structure	15. Quiz 4
	6. Bible Truth	16. Special Project*
	7. Quiz 2	17. Test
	8. Living for God: Faithfulness	18. Alternate Test*
	9. Obedience	19. Reference
	10. Loving Service	

History and Geography 500

History and Geography 500 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. It focuses on two major areas, American History and Geography. The course covers American History from early exploration through the Reconstruction, with special emphasis given to inventions and technology of the 19th and early 20th centuries, and geography of the Americas, with special emphasis on Mexico, Canada, and U.S. regional geography. These areas of focus target four major content strands: History, Geography, Government and Citizenship, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Identify significant explorers, such as Christopher Columbus, Francisco Coronado, Sir Francis Drake, Ferdinand Magellan, and Samuel de Champlain, noting their accomplishments.
- Understand how conflict between the American colonies and Great Britain led to American independence.
- Understand political and social changes that occurred in the United States during the 19th century, including changes resulting from the Industrial Revolution, and explain how these changes led to conflict among sections of the United States.
- Describe the causes and effects of the Civil War and its aftermath.
- Apply geographic tools, including maps, legends, and symbols.
- Locate and describe U.S. regions made up of various groups of states, such as New England and the Great Plains.

Additionally, students will gain practice in report-writing and story-writing, covering topics like proverbs, the Pledge of Allegiance, frontier life, inventions, and more.

Unit 1: Exploring the New World	
History and Geography 500	Assignments
	1. Course Overview
	2. Exploration Tools
	3. Maps
	4. Quiz 1
	5. Viking and Portuguese Explorers
	6. Spanish Explorers
	7. English Explorers
	8. French Explorers
	9. Dutch Explorers
	10. Quiz 2
	11. Early Settlements
	12. Project: Prayer of Thanksgiving*
	13. New England Colonies
	14. Middle Colonies
	15. Southern Colonies
	16. Quiz 3
	17. Special Project*
	18. Review Game
	19. Test
	20. Alternate Test*
	21. Reference

Unit 2: Colonial American Life		
History and Geography 500	Assignments	
	1. Life in New England Colonies	11. Project: Franklin Proverbs*
	2. Project: Family Tree*	12. Quiz 2
	3. New England Clothing and Schools	13. Life in the Southern Colonies
	4. New England Crafts	14. Southern Activities and Worship
	5. New England Worship and Activities	15. Quiz 3
	6. Quiz 1	16. Special Project*
	7. Life in the Middle Colonies	17. Review Game
	8. Benjamin Franklin: A Successful Man	18. Test
	9. Benjamin Franklin: A Good Citizen	19. Alternate Test*
	10. Project: Bible Proverbs	20. Reference
Unit 3: Thirteen Colonies Become a Nation		
History and Geography 500	Assignments	
	1. A Search for Freedom	11. A New Nation
	2. Problems With England	12. Quiz 3
	3. Quiz 1	13. Democracy
	4. War of Independence	14. Project: Pledge of Allegiance
	5. Project: Johnny Cakes*	15. Quiz 4
	6. Independence Declared	16. Special Project*
	7. A Turning Point Reached	17. Review Game
	8. Essay: Revolutionary War*	18. Test
	9. Quiz 2	19. Alternate Test*
	10. Victory Declared	20. Reference
Unit 4: New Lands and Troubled Times		
History and Geography 500	Assignments	
	1. The Louisiana Purchase	12. Project: Living in the Frontier
	2. Project: Colonies Map Activity*	13. Quiz 2
	3. The War of 1812	14. Problems Between the North and the South
	4. Project: Star Spangled Banner*	15. A Great Nation Divided by War
	5. Expansion from Sea to Sea	16. The Aftermath of the Civil War
	6. Project: Map of the United States*	17. Quiz 3
	7. Project: America the Beautiful*	18. Special Project*
	8. Project: Current Event*	19. Review Game
	9. Quiz 1	20. Test
	10. Life on the Frontier	21. Alternate Test*
	11. Life on the New Frontier	22. Reference

Unit 5: The United States Becomes a World Leader		
History and Geography 500	Assignments	
	1. Inventions and New Ideas	10. Report: Biography
	2. Development of Power	11. Essay: Government Money*
	3. Technological Advancements	12. Quiz 3
	4. Project: Conservation*	13. Special Project*
	5. Quiz 1	14. Review Game
	6. Industrialization	15. Test
	7. Power Struggles	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Immigration and Urbanization	
Unit 6: United by Transportation and Communication		
History and Geography 500	Assignments	
	1. Progress of Transportation in Early America	12. Printed and Postal Communication
	2. Land Transportation	13. Electronic Communication
	3. Water Transportation	14. Project: Skit*
	4. Quiz 1	15. Modern Communication and the Government
	5. Project: Family Travel*	16. Report: Invention
	6. Steamboat and Rail Transportation	17. Quiz 3
	7. Project: Tom Thumb*	18. Special Project*
	8. Progress of Transportation After 1800	19. Review Game
	9. Air Transportation	20. Test
History and Geography 500	10. Quiz 2	21. Alternate Test*
	11. Progress of Communication in America	22. Reference
Unit 7: The United States - One Nation With Many Regions		
History and Geography 500	Assignments	
	1. The New England States	11. Quiz 2
	2. The Middle Atlantic States	12. Alaska
	3. The Southern States	13. Hawaii and U.S. Island Possessions
	4. Report: State	14. Quiz 3
	5. Quiz 1	15. Special Project*
	6. The Midwestern States-Part 1	16. Review Game
	7. The Midwestern States-Part 2	17. Test
	8. Project: Captain's Diary*	18. Alternate Test*
	9. Project: Atlas Work*	19. Reference
	10. The Western States	

History and Geography 500	Unit 8: Our Southern Neighbors	
	Assignments	
	1. Mexico: Contrasts in Geography	10. Quiz 2
	2. Mexico: Contrasts in Cultures	11. Caribbean Islands
	3. Mexico: Contrasts in Daily Life	12. Quiz 3
	4. Quiz 1	13. Special Project*
	5. Essay: Influence*	14. Review Game
	6. Central America: Contrasts in Geography	15. Test
	7. Report: Continental Divide	16. Alternate Test*
	8. Central America: Contrasts in Culture	17. Reference
	9. Central America: Contrasts in Daily Life	
History and Geography 500	Unit 9: Canada - Our Northern Neighbor	
	Assignments	
	1. Giant of the North	11. Spirit of Friendship
	2. Mosaic of People	12. Report: Hudson Bay Company
	3. Project: Inuits*	13. Government and Unity
	4. Searchers of Gold, Glory, and Spices	14. Provinces of Canada
	5. Project: Play*	15. Quiz 3
	6. Quiz 1	16. Special Project*
	7. Glory of New France	17. Review Game
	8. A Century of Trial	18. Test
	9. Canadian Confederation	19. Alternate Test*
	10. Quiz 2	20. Reference
History and Geography 500	Unit 10: Review	
	Assignments	
	1. European Countries and Explorers	11. Quiz 3
	2. New World Colonies-Part 1	12. Mexico
	3. New World Colonies-Part 2	13. Central America, Caribbean Islands, Canada
	4. Quiz 1	14. Quiz 4
	5. War for Independence	15. Special Project*
	6. Expansion and More War	16. Review Game
	7. Quiz 2	17. Test
	8. Industrialization, Immigration, Urbanization	18. Alternate Test*
	9. Communication and World Leadership	19. Reference
	10. The United States	

Language Arts 500

Language Arts 500 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading-** develops students' basic reading skills, including the identification of main ideas, supporting details, sequence, and facts and opinions; introduces more advanced reading skills, showing students how to make inferences and derive implied meanings; shows students how to identify parts of speech in sentences, with emphasis on nouns, adverbs, and verb tenses; develops students' capacities for identifying basic elements of narrative prose; introduces students to types of nonfiction, including biographies, autobiographies, and short essays; helps students develop basic literary comprehension skills through the reading of excerpts from *Beowulf*, *Call it Courage*, and *Gulliver's Travels* and of various short stories, nonfiction pieces, and poetry.
- **Writing-** develops students' understanding of sentence structure, providing hands-on experience with subject-verb agreement and parts of speech; emphasizes parts of speech and their roles, including adjectives, nouns, and verbs; familiarizes students with roots, affixes, and basic word relationships, including homonyms, synonyms, and antonyms; develops students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing paragraphs, dialogue, poetry, and short stories; guides students through planning, organizing, writing, and revising a report.

Curriculum Contents

Reading Comprehension Skills

- Comparing and Contrasting
- Determining Author's Purpose—Reading for Entertainment and Reading for Information
- Identifying Facts and Opinions
- Identifying Main Ideas and Supporting Details
- Finding Implied Meanings
- Making Inferences
- Reading Poetry
- Determining Reading Rates
- Reading Biblical Literature
- Reading Short Stories
- Reading for Sequence

Composition

- Writing Reports—Summary
- Writing Dialogue
- Writing a Fable
- Writing with Facts and Opinions
- Writing Poetry—Pen Pictures, Couplets, and Free Verse
- Writing a Report—Outlining, Writing, and Revising
- Writing Short Stories—Coming Up with Seed Ideas, Developing Story Parts, Developing Characters, Writing, and Revising

Grammar and Usage

- Adjectives
- Adjectives—Changing Adverbs from Adjectives, Adverb Comparison, and Negative Adverbs
- Dialogue—Using and Punctuating Dialogue
- Kinds of Sentences—Statement, Question, Command, and Surprise/Excitement
- Levels of Language Use—Formal and Informal
- Nouns—Singular and Plural Nouns, Possessives, Subjects, Objects, and Common and Proper Nouns
- Pronouns
- Pronunciation

- Punctuation—Exclamation Points, Periods, Question Marks, and Quotation Marks
- Sentence Structure—Subject/Predicate, Participles, and Phrases
- Verbs—Verb Forms

Literature Studies

- Fiction
 - Definition—Short Story and Novel
 - Elements—Structure, Character, Dialogue, Plot, Setting, and Symbolism
 - Genre/Type—Fable and Legend
 - Literary Device—Metaphors and Similes
- Nonfiction
 - Definition
 - Genre/Type—Autobiography, Biography, Essay, History, and Articles
- Poetry
 - Definition
 - Elements—Structure, Rhyme, Meter, and Symbolism
 - Genre/Type—Ballad, Free Verse, and Limerick
 - Literary Device—Metaphors, Similes, and Sound Effects

Speaking and Listening

- Using Appropriate Words

Spelling

- Compound Words
- Contractions
- Confusing Spellings
- Dividing Words
- Homonyms and Antonyms
- Ordinal Numbers
- Roots and Affixes
- Sight Words
- Strategies—Digraphs and Diphthongs
- Words with Silent Letters
- Words with Silent and Irregular Letters

Vocabulary Building

- Dictionary Skills
- Word Relationships—Synonyms, Antonyms, Heteronyms, and Homonyms
- Word Structure—Roots and Affixes

Special Topics

- The Bible as Literature—Nonfiction, Short Story, Poetry, Drama, and Parable
- Graphic Aids—Maps, Charts, Diagrams, Captions, and Illustrations
- Dictionary Skills
- Handwriting Skills
- Origin/Development of Language—Middle and Modern English
- Study Skills—Note-Taking and Summarizing
- Word Play—Palindromes, Puns, Conundrums, and Idioms

Literature List

The literary works students will encounter in Language Arts 500 include, but are not limited to:

Fiction

- Sperry, Armstrong. *Call it Courage* (excerpt)
- Swift, Jonathan. *Gulliver's Travels* (excerpt)

Poetry

- *Beowulf* (prose paraphrase)
- Hemans, Felicia. "The Landing of the Pilgrim Fathers in New England"
- Longfellow, Henry. "The Village Blacksmith"
- Whittier, John. "Barbara Frietchie"

Unit 1: Jesus, Our Example		
Language Arts 500	Assignments	
	1. Course Overview	12. Essay: Using Spelling Words*
	2. The Author's Message	13. Spelling Quiz 2
	3. Project: Finding the Topic	14. Communicating with Handwriting
	4. Vowel Diphthong Design	15. Spelling Lesson 3: Silent e
	5. Spelling Lesson 1: Vowel Diphthongs	16. Quiz 3
	6. Quiz 1	17. Spelling Quiz 3
	7. Spelling Quiz 1	18. Special Project*
	8. Narrative Elements	19. Review Game
	9. Vocabulary Study: Dictionary Respellings	20. Test
	10. Spelling Lesson 2: Vowel Digraphs	21. Alternate Test*
	11. Quiz 2	22. Reference

Unit 2: Working With Information		
Language Arts 500	Assignments	
	1. The Author of the Story	13. Mood
	2. Reading an Excerpt: CALL IT COURAGE	14. Poetry
	3. Project: Outline - The Polynesian People*	15. Contractions
	4. Compound Words and Hyphens	16. Spelling Lesson 3: Contractions
	5. Spelling Lesson 1: Compound Words	17. Quiz 3
	6. Quiz 1	18. Spelling Quiz 3
	7. Spelling Quiz 1	19. Special Project*
	8. Finding Main Ideas (1)	20. Review Game
	9. Finding Main Ideas (2)	21. Test
	10. Spelling Lesson 2: Spelling Troublemakers	22. Alternate Test*
	11. Quiz 2	23. Reference
	12. Spelling Quiz 2	
Unit 3: The Story of Our Language		
Language Arts 500	Assignments	
	1. In the Beginning	13. Middle and Modern English
	2. Word Study	14. Homonyms, Idioms, and Abbreviations
	3. Spelling Lesson 1: Words with Many Syllables	15. Essay: Descriptive Story
	4. Quiz 1	16. Spelling Lesson 3: Antonyms
	5. Quiz: Spelling 1	17. Quiz 3
	6. Abused Language in the Garden	18. Quiz: Spelling 3
	7. Prefixes and Suffixes	19. Project: Book Report—Nonfiction*
	8. Phrases, Adjectives, and Adverbs	20. Special Project*
	9. Spelling Lesson 2: Silent Letters	21. Review Game
	10. Quiz 2	22. Test
	11. Quiz: Spelling 2	23. Alternate Test*
	12. Anglo-Saxon Literature; Author's Purpose	24. Reference
Unit 4: Effective Communication		
Language Arts 500	Assignments	
	1. Main Idea and Supporting Details	14. Project: Taking Notes
	2. Sentence Patterns; Speaking Courteously	15. The Written Report (2)
	3. Spelling Lesson 1: Silent Letters	16. Project: Outline
	4. Quiz 1	17. Essay: Report
	5. Spelling Quiz 1	18. Spelling Lesson 3: Homonyms
	6. Sensible Sentences	19. Quiz 3
	7. Essay: Pollution	20. Spelling Quiz 3
	8. Reading Skills	21. Special Project*
	9. Spelling Lesson 2: Same Sounds, Different Letters	22. Review Game
	10. Quiz 2	23. Test
	11. Spelling Quiz 2	24. Alternate Test*
	12. Essay: Robin Hood	25. Reference
	13. The Written Report (1)	

Unit 5: Reading and Writing Stories	
Assignments	
1. Reading a Story	13. Quiz 2
2. Essay: Writing a Summary	14. Spelling Quiz 2
3. Judging the Value of a Story	15. Story Writing
4. Project: Book Report--Historical Fiction*	16. Essay: Short Story
5. Spelling Lesson 1: Suffixes	17. Spelling Lesson 3: Prefixes
6. Quiz 1	18. Quiz 3
7. Spelling Quiz 1	19. Spelling Quiz 3
8. Mastering Dialogue	20. Special Project*
9. Project: Making Conversation	21. Review Game
10. Project: Seed Ideas*	22. Test
11. Writing Better Sentences	23. Alternate Test*
12. Spelling Lesson 2: Ordinal Numbers; Suffix -ism	24. Reference

Unit 6: Poetry	
Assignments	
1. Reading Story Poems	14. Poetic Ideas and Devices
2. Enjoying Poetry	15. Writing Poetry
3. Project: Working with Rhythm	16. Project: Pen Pictures and Couplets
4. Spelling Lesson 1: Suffixes	17. Project: Free Verse Prayer
5. Quiz 1	18. Project: Poetry Book*
6. Spelling Quiz 1	19. Spelling Lesson 3: Plurals
7. Reading Humorous Poems	20. Quiz 3
8. Playing With Words	21. Spelling Quiz 3
9. Project: Book Report--Poetry*	22. Special Project*
10. Spelling Lesson 2: Suffixes	23. Review Game
11. Quiz 2	24. Test
12. Spelling Quiz 2	25. Alternate Test*
13. Reading Inspirational Poems	26. Reference

Unit 7: Reading Comprehension	
Assignments	
1. Cause and Effect	16. The Story of Marc
2. From GULLIVER'S TRAVELS	17. Spelling Lesson 3: Words with /aw/
3. Essay: Land of Lilliput	18. Quiz 3
4. Spelling Lesson 1: Homonyms	19. Spelling Quiz 3
5. Quiz 1	20. Adjectives (1)
6. Spelling Project: Homonyms	21. Project: Using Adjectives*
7. Spelling Quiz 1	22. Adjectives (2)
8. Reviewing Nouns	23. Spelling Lesson 4: Unexpected Spellings
9. Singular and Plural Nouns	24. Quiz 4
10. Possessive Nouns; Uses of Nouns (Case)	25. Spelling Quiz 4
11. Noun Substitutes	26. Special Project*
12. Spelling Lesson 2: Words with /sh/	27. Review Game
13. Quiz 2	28. Test
14. Spelling Quiz 2	29. Alternate Test*
15. Judgments, Inferences, Facts, and Opinions	30. Reference

Unit 8: Working With Words		
Language Arts 500	Assignments	
	1. Main Verbs	15. Aesop and Fables
	2. Verb Forms	16. Essay: Fable Rewrite
	3. Subject/Verb Agreement; Contractions	17. Project: Retelling Fables*
	4. Participles	18. Parables-Stories Jesus Told
	5. Spelling Lesson 1: Suffix -ure	19. Project: Parables*
	6. Quiz 1	20. Spelling Lesson 3: Suffixes -al, -ial, -ual
	7. Spelling Quiz 1	21. Quiz 3
	8. Modifying with Adverbs	22. Spelling Quiz 3
	9. Changing Adjectives into Adverbs	23. Special Project*
	10. Extra Practice: Using Adverbs in Writing*	24. Review Game
	11. Showing Comparisons	25. Test
	12. Spelling Lesson 2: Suffixes -age, -ion	26. Alternate Test*
	13. Quiz 2	27. Reference
	14. Spelling Quiz 2	
Unit 9: Reading and Study Skills		
Language Arts 500	Assignments	
	1. Improving Reading Fluency and Study Skills	14. Recognizing Facts and Opinions in a Report
	2. A Story About Old England	15. Project: Facts and Opinions Report
	3. Spelling Lesson 1: Using Syllable to Help You Spell	16. Report: Facts and Opinions
	4. Quiz 1	17. Spelling Lesson 3: Homonyms with Long /e/
	5. Spelling Quiz 1	18. Quiz 3
	6. Using Graphic Aids; Outlining	19. Spelling Quiz 3
	7. A Story About Esther	20. Special Project*
	8. Report: Summary of Esther	21. Review Game
	9. Project: Book Report—Biography*	22. Test
	10. Spelling Lesson 2: Sight Words	23. Alternate Test*
	11. Quiz 2	24. Reference
	12. Spelling Quiz 2	
	13. Reviewing Literary Forms	
Unit 10: Review		
Language Arts 500	Assignments	
	1. Literature	13. Using Adverbs
	2. Project: Book Report—Fiction*	14. Quiz 2
	3. Project: Composition Folder*	15. Reading and Bible Study Skills
	4. Poetry	16. Types of Sentences
	5. Project: Poetry Project	17. Essay: Dialogue
	6. Using Nouns and Adjectives	18. Essay: Personal Reaction
	7. Writing a Short Story	19. Quiz 3
	8. Essay: Short Story	20. Special Project*
	9. Quiz 1	21. Review Game
	10. Reading Comprehension	22. Test
	11. Using Word Study Skills	23. Alternate Test*
	12. Using Verbs	24. Reference

Mathematics 500

Math 500 is a full-year elementary math course focusing on number skills, mathematical literacy, and geometric concepts. Students will gain solid experience with number theory and operations, including whole numbers, decimals, and fractions. In addition, students will develop their understanding of measurement and two- and three- dimensional figures. This course also integrates mathematical practices throughout the units, as well as introducing students to algebraic, statistical, and probability concepts.

In this course, students will be taught the following:

Place Value, Addition, and Subtraction

- Adding and subtracting of decimals and fractions
- Comparing and ordering whole numbers
- Determining rules for number patterns
- Mental math
- Rounding and estimating

Multiplying Whole Numbers and Decimals

- Estimating whole number products
- Multiplying decimals
- Multiplying whole numbers
- Properties of multiplication

Dividing Whole Numbers and Decimals

- Dividing with money
- Dividing whole numbers and decimals
- Estimating quotients
- Interpreting remainders

Algebra and Graphing

- Coordinate plane
- Expressions
- Graphing functions
- Integers
- Numerical patterns in tables and graphs
- Order of operations
- Scatterplots

Measurement

- Capacity
- Density
- Length
- Mass
- Time and temperature
- The Metric System
- Weight

Factors and Fractions

- Comparing fractions and decimals
- Equivalent fractions
- Factors

- Fractions
- Greatest Common Factor/Least Common Multiple
- Improper fractions and mixed numbers
- Prime factorization
- Rounding fractions
- Simplifying fractions

Fraction Operations

- Adding and subtracting fractions
- Adding and subtracting mixed numbers
- Estimating sums and differences
- Multiplying mixed numbers
- Multiplying whole numbers and fractions

Data Analysis and Probability

- Bar/Line Graphs
- Choosing the right graph
- Collecting data and frequency tables
- Line plots
- Listing outcomes
- Making predictions
- Measures of central tendency
- Probability
- Stem-and-Leaf plots

Geometry

- Angles
- Circles
- Geometry terms
- Polygons
- Quadrilaterals
- Making predictions
- Similar and congruent figures
- Solid figures
- Symmetry
- Transformations
- Triangles

Perimeter, Area, and Volume

- Perimeter, Area, and Volume
- Area
- Circumference
- Parallelograms
- Polygons
- Regular polygons
- Squares and rectangles
- Surface area
- Triangles
- Volume

Financial Literacy

- Exploring your finances

Unit 1: Place Value, Addition, and Subtraction	
Assignments	
1. Course Overview	16. Adding Decimal Numbers
2. Whole Number Place Value	17. Determining Rules to Generate Number Patterns
3. Comparing and Ordering Whole Numbers	18. Subtracting Decimal Numbers
4. Decimal Number Place Value	19. Exploring Your Finances
5. Comparing and Ordering Decimal Numbers	20. Project: Logical Reasoning
6. Quiz: Place Value	21. Quiz: Addition and Subtraction
7. Alternate Quiz - Form A: Place Value*	22. Alternate Quiz - Form A: Addition and Subtraction*
8. Alternate Quiz - Form B: Place Value*	23. Alternate Quiz - Form B: Addition and Subtraction*
9. Rounding Whole Numbers and Decimals	24. Special Project*
10. Estimating Sums and Differences	25. Review
11. Add and Subtract Mentally	26. Test
12. Quiz: Rounding and Estimating	27. Alternate Test - Form A*
13. Alternate Quiz - Form A: Rounding and Estimating*	28. Alternate Test - Form B*
14. Alternate Quiz - Form B: Rounding and Estimating*	29. Glossary and Credits
15. Adding and Subtracting Whole Numbers	

Unit 2: Multiplying Whole Numbers and Decimals	
Assignments	
1. Estimating Whole Number Products	14. Estimating Decimal Products
2. Properties of Multiplication	15. Multiplying Whole Numbers by Decimals
3. Multiplying Whole Numbers	16. Multiplying Decimals by Decimals
4. Quiz: Multiplying Whole Numbers	17. Solving Multiplication Problems
5. Alternate Quiz –Form A: Multiplying Whole Numbers*	18. Quiz: Multiplying Decimal Numbers
6. Alternate Quiz –Form B: Multiplying Whole Numbers*	19. Alternate Quiz –Form A: Multiplying Decimal Numbers*
7. Exponents	20. Alternate Quiz –Form B: Multiplying Decimal Numbers*
8. Multiplying Whole Numbers by Powers of Ten	21. Special Project*
9. Project: How Much is a Million	22. Review
10. Multiplying Decimals by Powers of Ten	23. Test
11. Quiz: Powers	24. Alternate Test—Form A*
12. Alternate Quiz –Form A: Powers*	25. Alternate Test—Form B *
13. Alternate Quiz –Form B: Powers*	26. Glossary and Credits

Unit 3: Dividing Whole Numbers and Decimals		
Mathematics 500	Assignments	
	1. Understanding Division	14. Alternate Quiz —Form B: Two-Digit Divisors*
	2. Estimating Quotients	15. Dividing by Powers of Ten
	3. Dividing Whole Numbers	16. Dividing Decimals by Whole Numbers
	4. Remainders	17. Dividing with Money
	5. Quiz: One-Digit Divisors	18. Quiz : Decimal Division
	6. Alternate Quiz —Form A: One-Digit Divisors*	19. Alternate Quiz —Form A: Decimal Division*
	7. Alternate Quiz —Form B: One-Digit Divisors*	20. Alternate Quiz —Form B: Decimal Division*
	8. Dividing by Multiples of Ten	21. Special Project*
	9. Dividing Whole Numbers I	22. Review
	10. Dividing Whole Numbers II	23. Test
	11. Interpreting the Remainder	24. Alternate Test—Form A*
	12. Quiz: Two-Digit Divisors	25. Alternate Test—Form B*
	13. Alternate Quiz —Form A: Two-Digit Divisors*	26. Glossary and Credits

Unit 4: Algebra and Graphing		
Mathematics 500	Assignments	
	1. Addition and Subtraction Expressions	15. The Coordinate Plane
	2. Multiplication and Division Expressions	16. Graphing Functions
	3. The Order of Operations	17. Interpreting Graphs
	4. Quiz: Expressions	18. Scatterplots
	5. Alternate Quiz —Form A: Expressions*	19. Numerical Patterns in a Table/Graph
	6. Alternate Quiz —Form B: Expressions*	20. Integers
	7. Addition and Subtraction Equations	21. Quiz: Graphing
	8. Multiplication Equations	22. Alternate Quiz —Form A: Graphing*
	9. Functions	23. Alternate Quiz —Form B: Graphing*
	10. Numerical Patterns	24. Special Project*
	11. Project: Patterns	25. Review
	12. Quiz: Patterns, Functions, and Equations	26. Test
	13. Alternate Quiz —Form A: Patterns, Functions, and Equations*	27. Alternate Test—Form A*
	14. Alternate Quiz —Form B: Patterns, Functions, and Equations*	28. Alternate Test—Form B*
		29. Glossary and Credits

Unit 5: Measurement		
Mathematics 500	Assignments	
	1. The Metric System	14. Alternate Quiz –Form B: The Customary System*
	2. Length	15. Time
	3. Mass	16. Elapsed Time
	4. Capacity	17. Temperature
	5. Quiz: The Metric System	18. Quiz : Time and Temperature
	6. Alternate Quiz –Form A: The Metric System*	19. Alternate Quiz –Form A: Time and Temperature*
	7. Alternate Quiz –Form B: The Metric System*	20. Alternate Quiz –Form B: Time and Temperature*
	8. Length	21. Special Project*
	9. Weight	22. Review
	10. Capacity	23. Test
	11. Project: Density	24. Alternate Test–Form A*
	12. Quiz: The Customary System	25. Alternate Test–Form B*
	13. Alternate Quiz –Form A: The Customary System*	26. Glossary and Credits
Mathematics 500	Unit 6: Factors and Fractions	
	Assignments	
	1. Factors	14. Least Common Multiple
	2. Prime Factorization	15. Comparing Fractions
	3. Greatest Common Factor	16. Fractions and Decimals
	4. Quiz: Factors	17. Rounding Fractions
	5. Alternate Quiz –Form A: Factors*	18. Quiz: Fractions
	6. Alternate Quiz –Form B: Factors*	19. Alternate Quiz –Form A: Fractions*
	7. Fractions	20. Alternate Quiz –Form B: Fractions*
	8. Improper Fractions and Mixed Numbers	21. Special Project*
	9. Simplifying Fractions	22. Review
	10. Equivalent Fractions	23. Test
	11. Quiz: Equivalent Fractions	24. Alternate Test–Form A*
	12. Alternate Quiz –Form A: Equivalent Fractions*	25. Alternate Test–Form B*
	13. Alternate Quiz –Form B: Equivalent Fractions*	26. Glossary and Credits
Mathematics 500	Unit 7: Fraction Operations	
	Assignments	
	1. Adding and Subtracting Fractions	15. Multiplying Fractions
	2. Adding and Subtracting Mixed Numbers	16. Multiplying Mixed Numbers
	3. Estimating Sums and Differences	17. Dividing Fractions
	4. Quiz: Like Denominators	18. Quiz : Multiplying and Dividing Fractions
	5. Alternate Quiz–Form A: Like Denominators*	19. Alternate Quiz –Form A: Multiplying and Dividing Fractions*
	6. Alternate Quiz –Form B: Like Denominators*	20. Alternate Quiz –Form B: Multiplying and Dividing Fractions*
	7. Adding Fractions	21. Special Project*
	8. Subtracting Fractions	22. Review
	9. Adding Mixed Numbers	23. Test
	10. Subtracting Mixed Numbers	24. Alternate Test–Form A*
	11. Quiz: Unlike Denominators	25. Alternate Test–Form B*
	12. Alternate Quiz –Form A: Unlike Denominators*	26. Glossary and Credits
	13. Alternate Quiz –Form B: Unlike Denominators*	
	14. Multiplying Whole Numbers and Fractions	

Unit 8: Data Analysis and Probability		
Assignments		
Mathematics 500	1. Collecting Data and Frequency Tables	13. Alternate Quiz —Form B: Displaying Data*
	2. Measures of Central Tendency	14. Probability
	3. Line Plots	15. Probability as a Fraction
	4. Stem-and-Leaf Plots	16. Listing Outcomes
	5. Quiz: Collecting and Analyzing Data	17. Making Predictions
	6. Alternate Quiz —Form A: Collecting and Analyzing Data*	18. Quiz : Probability
	7. Alternate Quiz —Form B: Collecting and Analyzing Data*	19. Alternate Quiz —Form A: Probability*
	8. Bar Graphs	20. Alternate Quiz —Form B: Probability*
	9. Line Graphs	21. Special Project*
	10. Choosing the Right Graph	22. Review
	11. Quiz: Displaying Data	23. Test
	12. Alternate Quiz —Form A: Displaying Data*	24. Alternate Test—Form A*
		25. Alternate Test—Form B*
		26. Glossary and Credits

Unit 9: Geometry		
Assignments		
Mathematics 500	1. Geometry Terms	14. Similar and Congruent Figures
	2. Angles	15. Transformations
	3. Circles	16. Symmetry
	4. Quiz: Geometry	17. Project: Constructions
	5. Alternate Quiz —Form A: Geometry*	18. Quiz : Transformations and Symmetry
	6. Alternate Quiz —Form B: Geometry*	19. Alternate Quiz —Form A: Transformations and Symmetry*
	7. Polygons	20. Alternate Quiz —Form B: Transformations and Symmetry*
	8. Triangles	21. Special Project*
	9. Quadrilaterals	22. Review
	10. Solid Figures	23. Test
	11. Quiz : Classifying Plane and Solid Figures	24. Alternate Test—Form A*
	12. Alternate Quiz —Form A: Classifying Plane and Solid Figures*	25. Alternate Test—Form B*
	13. Alternate Quiz —Form B: Classifying Plane and Solid Figures*	26. Glossary and Credits

Unit 10: Perimeter, Area, and Volume	
Assignments	
1. Polygons	14. Surface Area
2. Regular Polygons	15. Volume
3. Circumference	16. Solving Volume Problems
4. Quiz - Perimeter	17. Project: Solid Figures
5. Alternate Quiz - Form A: Perimeter*	18. Quiz - Solid Figures
6. Alternate Quiz - Form B: Perimeter*	19. Alternate Quiz - Form A: Solid Figures*
7. Area	20. Alternate Quiz - Form B: Solid Figures*
8. Squares and Rectangles	21. Special Project*
9. Parallelograms	22. Review
10. Triangles	23. Test
11. Quiz - Area	24. Alternate Test - Form A*
12. Alternate Quiz - Form A: Area*	25. Alternate Test - Form B*
13. Alternate Quiz - Form B: Area*	26. Glossary and Credits

Mathematics 500	Unit 11: Course Review and Exam	
	Assignments	
	1. Course Review 1	4. Alternate Exam - Form A*
	2. Course Review 2	5. Alternate Exam - Form B*
	3. Exam	

Science 500

Science 500 is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 300 and Science 400 courses, providing a broad survey of the major areas of science. Some of the areas covered in Science 500 include the study of cells, plants and animals, ecology, energy, geology, properties of matter, and the natural cycles of life.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students' natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should begin to understand interrelationships between organisms, recognize patterns in ecosystems, and become aware of the cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Demonstrate an understanding of cells and their structure, both plant and animal.
- Differentiate between plants, animals, fungi, protozoa, and algae.
- Explain interactions between different life forms.
- Discuss different energy transformations.
- Describe geology and how it relates to the Flood.
- Demonstrate an understanding of fossil types and the formation of fossils.
- Understand natural cycles.

Unit 1: Cells	
Assignments	
1. Course Overview	12. Tissue
2. The Basic Unit of Living Things: A Cell	13. Quiz 2
3. Viewing Cells	14. Cells: Energy and Growth of Cells
4. Experiment: Skin Cells	15. Cell Reproduction
5. Quiz 1	16. Quiz 3
6. The Life and Activity of Cells	17. Special Project*
7. Plants and Unicellular Organisms	18. Review Game
8. Experiment: Onion Cells	19. Test
9. Experiment: Pond Water Examination	20. Alternate Test*
10. Experiment: Cheek Cells	21. Reference
11. Experiment: Blood Cells	

Science 500	Unit 2: Plants: Life Cycles	
	Assignments	
	1. Classifying Living Things and Plants	14. Fern Plants
	2. Parts of Plants	15. Report: Walking Fern*
	3. Quiz 1	16. Fungi
	4. Seed Bearing Plants	17. Experiment: Mold
	5. Flowering Plants	18. Quiz 3
	6. Experiment: Flower Dissection	19. One-celled Living Things
	7. Fertilization	20. Quiz 4
	8. Experiment: Seed Dissection	21. Special Project*
	9. Cone-Bearing Plants	22. Review Game
	10. Project: Examining Cones	23. Test
	11. Project: Seed Hunt*	24. Alternate Test*
	12. Quiz 2	25. Reference
	13. Spore Bearing Plants and Fungi	
Science 500	Unit 3: Animals: Life Cycles	
	Assignments	
	1. Invertebrates: Life Cycles	13. Egg-Laying Vertebrates (Part 3)
	2. One-celled Animal-like Protists	14. Experiment: Chicken Egg*
	3. Report: Protozoa*	15. Live-Bearing Vertebrates
	4. Egg-Laying Invertebrates	16. Report: Mammals*
	5. Experiment: Mealworm*	17. Essay: God and Animals*
	6. Report: The Spider*	18. Quiz 2
	7. Report: Insect Study*	19. Special Project*
	8. Worms and Mollusks	20. Review Game
	9. Quiz 1	21. Test
	10. Vertebrates: Life Cycles	22. Alternate Test*
	11. Egg-Laying Vertebrates	23. Reference
	12. Egg-Laying Vertebrates (Part 2)	
Science 500	Unit 4: Balance in Nature	
	Assignments	
	1. Balance of Nature: Physical Environment	12. Project: Special Environments*
	2. Project: Cycles*	13. Quiz 2
	3. Ecosystems	14. Humans and the Web of Life
	4. Project: Terrarium Project	15. Humans and the Web of Life (Part 2)
	5. Quiz 1	16. Quiz 3
	6. The Prairie: Web of Life	17. Special Project*
	7. Project: Prairie Land*	18. Review Game
	8. The Prairie: Web of Life (Part 2)	19. Test
	9. Report: Prairie Birds*	20. Alternate Test*
	10. The Prairie: Food Chains	21. Reference
	11. Project: Prairie Food Chain*	

Unit 5: Transformation of Energy		
Science 500	Assignments	
	1. Energy	11. Energy in the Future
	2. Work	12. Future Sources of Energy
	3. Quiz 1	13. Experiment: Solar Energy for Heat
	4. Work From Energy	14. Quiz 3
	5. Experiment: Heat From the Sun*	15. Special Project*
	6. Forms of Energy	16. Review Game
	7. Experiment: Heat from Bending*	17. Test
	8. Experiment: Heat Energy from a Chemical Reaction*	18. Alternate Test*
	9. Chemical Energy	19. Reference
	10. Quiz 2	
Unit 6: Records in the Rock: the Flood		
Science 500	Assignments	
	1. Before the Flood: The Bible Record	9. After the Flood: The Bible Record
	2. Before the Flood: The Physical Record	10. After the Flood: The Physical Record
	3. Quiz 1	11. Quiz 3
	4. The Flood: The Bible Record	12. Special Project*
	5. Project: Interview with Noah*	13. Review Game
	6. The Flood: The Physical Record	14. Test
	7. Report: Ancient Flood Stories*	15. Alternate Test*
	8. Quiz 2	16. Reference
Unit 7: Records in the Rock: Fossils		
Science 500	Assignments	
	1. Fossil Formation	11. Project: Fossil Clues*
	2. Project: Mold Fossil Copy	12. Reading Fossils: Reconstruction
	3. Project: Cast Fossil Copy*	13. Project: Fill in the Skeleton*
	4. Fossil Formation Part 2	14. Project: Be Creative*
	5. Fossil Locations	15. Quiz 2
	6. Quiz 1	16. Special Project*
	7. Reading Fossils: Identification	17. Review Game
	8. Reading Fossils: Earth's Age	18. Test
	9. Project: Plant and Animal Fossils*	19. Alternate Test*
	10. Reading Fossils: Difficulties	20. Reference

Unit 8: Records In Rock: Geology		
Science 500	Assignments	
	1. Features of the Earth	11. Causes of Surface Change
	2. Project: Compare an Orange and the Earth	12. Earthquakes and Volcanoes
	3. Layers of the Earth	13. Project: Volcano Summary*
	4. Rocks on the Earth's Surface	14. Results of Forces
	5. Project: Examine a Mineral*	15. Quiz 2
	6. Kinds of Rocks	16. Special Project*
	7. Report: Rocks*	17. Review Game
	8. Project: Rock Hunt*	18. Test
	9. Quiz 1	19. Alternate Test*
	10. Changes in the Earth: Surface Change	20. Reference
	11. Experiment: Erosion*	
Unit 9: Cycles in Nature		
Science 500	Assignments	
	1. Properties of Matter	14. Comets
	2. Properties of Matter (Part 2)	15. Report: Famous Comets*
	3. Experiment: Volume	16. Life
	4. Changes in Matter	17. Experiment: Water Evaporation*
	5. Experiment: Water Container*	18. Quiz 2
	6. Experiment: Types of Changes*	19. God's Order
	7. Conservation of Matter	20. Quiz 3
	8. Experiment: Conservation of Matter*	21. Special Project*
	9. Structure of Matter	22. Review Game
	10. Quiz 1	23. Test
	11. The Four Seasons	24. Alternate Test*
	12. The Cause of Seasons	25. Reference
	13. Project: Globe*	
Unit 10: Look Ahead		
Science 500	Assignments	
	1. Living Things: Plants, Fungi, Protists, and Monerans	10. Energy and Work
	2. Living Things: Animals and Animal-Like Protists	11. Matter
	3. Living Things: Balance of Nature	12. Quiz 3
	4. Quiz 1	13. Special Project*
	5. The Earth: Records of Life	14. Review Game
	6. The Earth: Fossils	15. Test
	7. The Earth: Records in Rock	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Order in Creation	

6th Grade

Bible 600

Bible 600 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on a brief survey of the Old and New Testaments, with special emphasis upon the key people, places, and events from the book of Genesis to the book of Revelation. These areas target three content strands: theology, biblical literature, and biblical background.

Objectives

- Present an overview of the biblical story from Genesis to Revelation.
- Identify key people, places, and events in the Old and New Testaments.
- Discuss the primary eras in the history of Israel and the Church.
- Appreciate the importance of Israel and the Kingdom in the Old Testament.
- Appreciate the importance of the Church in the New Testament.
- Demonstrate the influence of the Old Testament in the New Testament.
- Explain important themes and teachings throughout the Bible.

Unit 1: From Creation to Moses		
Bible 600	Assignments	
	1. Course Overview	14. Alternate Quiz 2—Form B: Abraham to Joseph*
	2. Creation	15. Moses and the Law
	3. From the First Family to the Flood	16. Activity: Ten Commandments
	4. Quiz 1: Creation to the Flood	17. Remaining Books of the Law
	5. Alternate Quiz 1—Form A: Creation to the Flood*	18. Quiz 3: Moses
	6. Alternate Quiz 1—Form B: Creation to the Flood*	19. Alternate Quiz 3—Form A: Moses*
	7. Abraham and His Descendants	20. Alternate Quiz 3—Form B: Moses*
	8. Abram, Sarai, and Isaac	21. Review
	9. Descendants of Abraham	22. Special Project*
	10. Joseph	23. Test
	11. Activity: Joseph in Egypt	24. Alternate Test—Form A*
	12. Quiz 2: Abraham to Joseph	25. Alternate Test—Form B*
	13. Alternate Quiz 2—Form A: Abraham to Joseph*	26. Glossary and Credits

Unit 2: From Joshua to Ruth		
Bible 600	Assignments	
	1. Conquest of the Land	12. Three Women
	2. Activity: Conquest of Jericho	13. The Story of Ruth
	3. Division of the Land/Death of Joshua	14. Quiz 3: God's Perfect Plan
	4. Quiz 1: The Promised Land	15. Alternate Quiz 3—Form A: God's Perfect Plan*
	5. Alternate Quiz 1—Form A: The Promised Land*	16. Alternate Quiz 3—Form B: God's Perfect Plan*
	6. Alternate Quiz 1—Form B: The Promised Land*	17. Review
	7. Judges: From Othneil to Shamgar	18. Special Project*
	8. Judges: From Deborah to Samson	19. Test
	9. Quiz 2: Judges	20. Alternate Test—Form A*
	10. Alternate Quiz 2—Form A: Judges*	21. Alternate Test—Form B*
	11. Alternate Quiz 2—Form B: Judges*	22. Glossary and Credits

Unit 3: The Kingdom of Israel		
Bible 600	Assignments	
	1. The Books and Ministry of Samuel	14. Alternate Quiz 2—Form B: Solomon*
	2. The Reign of Saul	15. Job
	3. Project: Saul Becomes King	16. Psalms and Proverbs
	4. The Reign of David	17. Ecclesiastes and the Song of Solomon
	5. Quiz 1: Samuel, Saul, and David	18. Quiz 3: Wisdom Books
	6. Alternate Quiz 1—Form A: Samuel, Saul, and David*	19. Alternate Quiz 3—Form A: Wisdom Books*
	7. Alternate Quiz 1—Form B: Samuel, Saul, and David*	20. Alternate Quiz 3—Form B: Wisdom Books*
	8. The Reign of Solomon	21. Review
	9. The Temple	22. Special Project*
	10. Report: Solomon's Rise*	23. Test
	11. Project: Bible Paragraph	24. Alternate Test—Form A*
	12. Quiz 2: Solomon	25. Alternate Test—Form B*
	13. Alternate Quiz 2—Form A: Solomon*	26. Glossary and Credits
Unit 4: The Divided Kingdom		
Bible 600	Assignments	
	1. From Division to the Assyrian Captivity	15. From Manasseh to Josiah
	2. From Ahab to Jehu (Part 1)	16. The Prophets of the Remaining Kingdom
	3. Project: Elijah's Servant	17. Quiz 3: The Remaining Kingdom
	4. From Ahab to Jehu (Part 2)	18. Alternate Quiz 3—Form A: The Remaining Kingdom*
	5. From Jehu to the Assyrian Captivity	19. Alternate Quiz 3—Form B: The Remaining Kingdom*
	6. Quiz 1: Division and Captivity	20. Review
	7. Alternate Quiz 1—Form A: Division and Captivity*	21. Special Project*
	8. Alternate Quiz 1—Form B: Division and Captivity*	22. Test
	9. Before the Assyrian Captivity: Judah	23. Alternate Test—Form A*
	10. Before the Assyrian Captivity: Israel	24. Alternate Test—Form B*
	11. Quiz 2: Judah and Israel	25. Glossary and Credits
	12. Alternate Quiz 2—Form A: Judah and Israel*	
	13. Alternate Quiz 2—Form B: Judah and Israel*	
	14. The Remaining Kingdom	
Unit 5: Captivity and Restoration		
Bible 600	Assignments	
	1. Jeremiah	14. The Prophets of the Restoration
	2. Ezekiel	15. The Old Testament Reviewed
	3. Daniel	16. The Kingdom of Israel
	4. Project: Writing on the Wall	17. Quiz 3: Restoration
	5. Quiz 1: Jeremiah to Daniel	18. Alternate Quiz 3—Form A: Restoration*
	6. Alternate Quiz 1—Form A: Jeremiah to Daniel*	19. Alternate Quiz 3—Form B: Restoration*
	7. Alternate Quiz 1—Form B: Jeremiah to Daniel*	20. Quiz: Books of the Old Testament
	8. The First Return from Exile	21. Review
	9. Jews Preservation/Second Return from Exile	22. Special Project*
	10. The Third Return from Exile	23. Test
	11. Quiz 2: Years of Exile	24. Alternate Test—Form A*
	12. Alternate Quiz 2—Form A: Years of Exile*	25. Alternate Test—Form B*
	13. Alternate Quiz 2—Form B: Years of Exile*	26. Glossary and Credits

Unit 6: The Life of Jesus		
Bible 600	Assignments	
	1. History	18. The Rich Young Ruler and the Tax Collector
	2. Birth and Childhood	19. Project: Rich Young Ruler*
	3. Quiz 1: The Early Years	20. Essay: Zacchaeus
	4. Alternate Quiz 1—Form A: The Early Years*	21. Quiz 3: Parables of Jesus
	5. Alternate Quiz 1—Form B: The Early Years*	22. Alternate Quiz 3—Form A: Parables of Jesus*
	6. John the Baptist and Jesus' Baptism	23. Alternate Quiz 3—Form B: Parables of Jesus*
	7. Temptation and Ministry	24. Triumphal Entry and Agony in the Garden
	8. Rejection and Healings	25. Arrest, Trial, Death, and Resurrection
	9. Teaching and Miracles	26. Quiz 4: He Lives
	10. Project: Salvation*	27. Alternate Quiz 4—Form A: He Lives*
	11. Project: Baptism*	28. Alternate Quiz 4—Form B: He Lives*
	12. Quiz 2: Ministry Beginnings	29. Review
	13. Alternate Quiz 2—Form A: Ministry Beginnings*	30. Special Project*
	14. Alternate Quiz 2—Form B: Ministry Beginnings*	31. Test
	15. Rejection and Feeding Five Thousand	32. Alternate Test—Form A*
	16. The Transfiguration and the Good Samaritan	33. Alternate Test—Form B*
	17. The Lost Sheep and the Prodigal Son	34. Glossary and Credits

Unit 7: The Followers of Jesus		
Bible 600	Assignments	
	1. Twelve Disciples: Peter	14. Pentecost
	2. Project: Walking on Water	15. The Lame Man
	3. Twelve Disciples: James and John	16. Stephen
	4. Twelve Disciples: The Other Nine	17. Quiz 3: The Early Church
	5. Quiz 1: The Disciples	18. Alternate Quiz 3—Form A: The Early Church*
	6. Alternate Quiz 1—Form A: The Disciples*	19. Alternate Quiz 3—Form B: The Early Church*
	7. Alternate Quiz 1—Form B: The Disciples*	20. Review
	8. Three Friends	21. Special Project*
	9. Four Miracles	22. Test
	10. One Message	23. Alternate Test—Form A*
	11. Quiz 2: The Message	24. Alternate Test—Form B*
	12. Alternate Quiz 2—Form A: The Message*	25. Glossary and Credits
	13. Alternate Quiz 2—Form B: The Message*	

Unit 8: The Apostle Paul		
Bible 600	Assignments	
	1. Paul's Conversion	14. Alternate Quiz 2—Form B: God's Missionary*
	2. Zeal and Experience	15. Thessalonians and Corinthians
	3. Project: Road to Damascus*	16. Galatians, Romans, and other Pauline Letters
	4. Quiz 1: Paul	17. Essay: Christianity at Home
	5. Alternate Quiz 1—Form A: Paul*	18. Quiz 3: Letters
	6. Alternate Quiz 1—Form B: Paul*	19. Alternate Quiz 3—Form A: Letters*
	7. First Missionary Journey	20. Alternate Quiz 3—Form B: Letters*
	8. Essay: Paul's Attitude*	21. Review
	9. Second Missionary Journey	22. Special Project*
	10. Third Missionary Journey	23. Test
	11. Essay: Preparation*	24. Alternate Test—Form A*
	12. Quiz 2: God's Missionary	25. Alternate Test—Form B*
	13. Alternate Quiz 2—Form A: God's Missionary*	26. Glossary and Credits
Unit 9: Hebrews and General Epistles		
Bible 600	Assignments	
	1. Hebrews	12. First John
	2. Faith	13. Second and Third John, and Jude
	3. Quiz 1: Hebrews	14. Essay: Diotrephes
	4. Alternate Quiz 1—Form A: Hebrews*	15. Quiz 3: Letters of John
	5. Alternate Quiz 1—Form B: Hebrews*	16. Alternate Quiz 3—Form A: Letters of John*
	6. General Epistles: James	17. Alternate Quiz 3—Form B: Letters of John*
	7. First and Second Peter	18. Review
	8. Essay: Spiritual Growth	19. Special Project*
	9. Quiz 2: Letters of James and Peter	20. Test
	10. Alternate Quiz 2—Form A: Letters of James and Peter*	21. Alternate Test—Form A*
	11. Alternate Quiz 2—Form B: Letters of James and Peter*	22. Alternate Test—Form B*
		23. Glossary and Credits
Unit 10: Revelation and Review		
Bible 600	Assignments	
	1. Revelation	14. Followers of Jesus
	2. The Seven Churches and End Time Events	15. Essay: Nicodemus
	3. Project: Time with John	16. Apostle Paul
	4. Quiz 1: Revelation	17. Quiz 3: Jesus and Paul
	5. Alternate Quiz 1—Form A: Revelation*	18. Alternate Quiz 3—Form A: Jesus and Paul*
	6. Alternate Quiz 1—Form B: Revelation*	19. Alternate Quiz 3—Form B: Jesus and Paul*
	7. Creation to Moses	20. Books of the New Testament Quiz
	8. Joshua, Samuel, and the Kingdom of Israel	21. Review
	9. Divided Kingdom, Captivity, and Restoration	22. Special Project*
	10. Quiz 2: Creation to Restoration	23. Test
	11. Alternate Quiz 2—Form A: Creation to Restoration*	24. Alternate Test—Form A*
	12. Alternate Quiz 2—Form B: Creation to Restoration*	25. Alternate Test—Form B*
	13. Life of Jesus	26. Glossary and Credits

History and Geography 600

History and Geography 600 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on World History, with an emphasis on Western Europe. Specifically, it covers World History from ancient civilizations through the end of the 20th century, highlighting early Christianity (through the Reformation) and the two World Wars. These areas of focus target three major content strands: History, Geography, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand the world in spatial terms (according to hemispheres, latitude and longitude, maps, and time zones).
- Understand how cultures differ in each of the hemispheres studied.
- Understand Western civilization from its beginnings to the end of the Renaissance.
- Understand the significant religious, cultural, and scientific events in Europe during the Renaissance.
- Identify cultural and geographic differences between the South American countries studied.
- Identify cultural and geographic differences between the African countries studied.
- Identify key causes, events, and leaders of the two World Wars.
- Understand the history, culture, and politics of Eastern European countries.

Additionally, students will gain practice in report-writing, covering topics like North American geography, the Crusades, the influence of the Renaissance, the Industrial Revolution, and more.

Unit 1: World Geography		
History and Geography 600	Assignments	
	1. Course Overview	13. Quiz 4
	2. Latitude and Longitude	14. World Cultures - Part 1
	3. Time Zones and Maps	15. Report: Latin America*
	4. Quiz 1	16. World Cultures - Part 2
	5. Western Hemisphere: North America	17. World Cultures - Part 3
	6. Project: North America	18. Quiz 5
	7. Western Hemisphere: South America	19. Special Project*
	8. Quiz 2	20. Review Game
	9. Eastern Hemisphere: Africa	21. Test
	10. Eastern Hemisphere: Europe and Asia	22. Alternate Test*
	11. Quiz 3	23. Reference
	12. Southern Hemisphere: Australia and Antarctica	

Unit 2: The Cradle of Civilization		
History and Geography 600	Assignments	
	1. Mesopotamia: Fertile Crescent and Sumer	8. Egypt - The New Kingdom
	2. Mesopotamia: Babylonia and Assyria	9. Quiz 3
	3. Mesopotamia: Chaldea and Persia	10. Special Project*
	4. Quiz 1	11. Review Game
	5. Israel	12. Test
	6. Quiz 2	13. Alternate Test*
	7. Egypt - The Old Kingdom	14. Reference

History and Geography 600	Unit 3: The Civilizations of Greece And Rome	
	Assignments	
	1. The Civilization of Greece	8. Rome: Christianity, Contributions, Decline
	2. Greece: City-States	9. Quiz 2
	3. Greece: Wars	10. Special Project*
	4. Greece: Contributions	11. Review Game
	5. Quiz 1	12. Test
	6. The Civilization of Rome	13. Alternate Test*
	7. Rome: Power and Culture	14. Reference

History and Geography 600	Unit 4: Life in the Middle Ages	
	Assignments	
	1. The Feudal System	13. Project: Crusade Lessons
	2. Quiz 1	14. Quiz 5
	3. Daily Life	15. The Trade System
	4. Project: The Poor*	16. Quiz 6
	5. Project: Pollution*	17. The Cathedrals
	6. Quiz 2	18. Quiz 7
	7. Books and Schools	19. Special Project*
	8. Project: Scribe*	20. Review Game
	9. Quiz 3	21. Test
	10. Islam	22. Alternate Test*
	11. Quiz 4	23. Reference
	12. The Crusades	

History and Geography 600	Unit 5: Western Europe	
	Assignments	
	1. The Renaissance: Awakening in Learning	10. Report: World War I*
	2. Art, Architecture, and Exploration	11. Age of Unrest: World War II
	3. Religion and Other Fields	12. Quiz 3
	4. Essay: Renaissance Influence	13. Special Project*
	5. Quiz 1	14. Review Game
	6. The Industrial Revolution	15. Test
	7. Project: Industrial Revolution	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Age of Unrest: World War I	

History and Geography 600	Unit 6: Eastern Europe	
	Assignments	
	1. The Byzantine Empire	9. Communism/The Space Age
	2. The Orthodox Church and Byzantine Art	10. Report: Country
	3. Quiz 1	11. Quiz 3
	4. North and Central Countries	12. Special Project*
	5. Balkan Countries	13. Review Game
	6. Quiz 2	14. Test
	7. Modern History: Communism	15. Alternate Test*
	8. Communism vs Democracy	16. Reference

History and Geography 600

Unit 7: Africa

Assignments

1. Introduction and Northern Africa	9. Southern African Countries
2. Northern Coastal and Inland Countries	10. Quiz 3
3. Essay: Peace*	11. Special Project*
4. Essay: Treatment of Others	12. Review Game
5. Quiz 1	13. Test
6. Central Africa and Western Countries	14. Alternate Test*
7. Equatorial Countries	15. Reference
8. Quiz 2	

History and Geography 600

Unit 8: Six South American Countries

Assignments

1. Brazil: Geography	12. Venezuela: History, Today, and Tomorrow
2. Brazil: People and History	13. Report: Petroleum*
3. Brazil: Today and Tomorrow	14. Guyana, Suriname, and French Guiana
4. Report: Special Times	15. Report: Guianas*
5. Report: Brazil*	16. Quiz 3
6. Quiz 1	17. Special Project*
7. Colombia: Geography and People	18. Review Game
8. Colombia: History, Today, and Tomorrow	19. Test
9. Report: A Child in Colombia*	20. Alternate Test*
10. Quiz 2	21. Reference
11. Venezuela: Geography and People	

History and Geography 600

Unit 9: Seven South American Countries

Assignments

1. Ecuador, Peru, and Bolivia: Geography	11. Report: Magellan*
2. Ecuador, Peru, and Bolivia: People and History	12. Chile
3. Ecuador, Peru, and Bolivia: Cities and Resources	13. Report: Chile*
4. Report: Cities	14. Quiz 3
5. Quiz 1	15. Special Project*
6. Uruguay	16. Review Game
7. Paraguay	17. Test
8. Report: Paraguay and Uruguay*	18. Alternate Test*
9. Quiz 2	19. Reference
10. Argentina	

Unit 10: Development of Our World	
History and Geography 600	Assignments
	1. Cradle of Civilization: Mesopotamia
	2. Cradle of Civilization: Egypt and Israel
	3. Quiz 1
	4. Empire of Greece
	5. Empire of Rome
	6. Dark Ages in the Middle Ages
	7. Quiz 2
	8. Western Europe
	9. Age of Unrest
	10. Eastern Europe
	11. Quiz 3
	12. Africa
	13. South America
	14. Quiz 4
	15. Special Project*
	16. Review Game
	17. Test
	18. Alternate Test*
	19. Reference

Language Arts 600

Language Arts 600 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—develops students' reading skills, including the identification of main ideas, supporting details, sequence, and facts and opinions; introduces more advanced reading skills, showing students how to analyze propaganda, make inferences, and determine the author's authority; shows students how to identify parts of speech in sentences, with emphasis on kinds and uses of nouns, pronouns, and verb tenses; develops students' capacities for identifying basic elements of narrative prose; enhances students' abilities for reading newspaper articles and informative nonfiction; helps students develop basic literary comprehension skills through the reading of short stories, nonfiction pieces, and poetry.
- **Writing**—develops students' understanding of sentence structure, providing hands-on experience with subject-verb agreement, participles, and phrases; emphasizes parts of speech and their roles, including adjectives, nouns, and verbs; familiarizes students with roots, affixes, and basic word relationships, including homonyms, synonyms, and antonyms; develops students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing paragraphs, business letters, poetry, and short stories; guides students through planning, organizing, writing, and revising a report.
- **Special Topics**—teaches dictionary skills and comprehension of graphic visual aids; introduces students to Biblical literature topics.

Curriculum Contents

Reading Comprehension Skills

- Analyzing Propaganda
- Comparing and Contrasting
- Determining Author's Purpose—Reading for Entertainment and Reading for Information
- Determining Author's Reliability
- Evaluating a Text Based on Biblical Merit
- Identifying Facts and Opinions
- Identifying Main Ideas and Supporting Details
- Finding Implied Meanings
- Reading Newspaper Articles
- Reading Poetry
- Reading Biblical Literature
- Reading Short Stories

Composition

- Paragraph Elements and Structure
- Paraphrasing a Psalm
- Report—on Sheep
- Using Invented Words
- Writing a Business Letter
- Writing Poetry—Pen Pictures, Cinquains, and Shaped Poems
- Writing a Report—Outlining, Writing, and Revising
- Writing with Metaphors
- Writing Short Stories—Plot, Setting, Structure, and Character Development

Grammar and Usage

- Adjectives—Comparative Adjectives, Superlative Adjectives, and Articles
- Adverbs—Comparative Adverbs and Superlative Adverbs
- Interjections
- Kinds of Sentences—Statement, Question, Command, and Surprise/Excitement

- Nouns—Plural, Possessive, and Common and Proper Nouns
- Pronouns—Pronoun Case, Personal Pronouns, and Demonstrative Pronouns
- Punctuation—Exclamation Points, Periods, Question Marks, and Commas
- Sentence Structure—Subject/Predicate, Prepositions, and Phrases
- Verbs—Verb Tense, Irregular Verbs, Auxiliary Verbs, Person, Number, and Compound Verbs

Literature Studies

- Fiction
 - Elements—Structure, Character, Plot, and Setting
 - Genre/Type—Fable, Legend, Animal Story, Myth, Fairy Tale, Adventure, Historical Piece, Mystery, and Science Fiction
- Nonfiction
 - Definition
 - Elements—Organization and Diction
 - Genre/Type—Autobiography, Biography, Propaganda, and Articles
- Poetry
 - Definition
 - Elements—Structure, Rhyme, Meter, and Diction
 - Genre/Type—Ballad, Free Verse, Limerick, Shaped Poem, Epic, Narrative, and Pen Picture
 - Literary Device—Metaphors, Similes, Alliteration, Sound Effects, and Parallelism

Speaking and Listening

- Speaking Qualities

Spelling

- Homonyms
- Words with /sh/ sound
- Roots and Affixes

Vocabulary Building

- Dictionary Skills
- Word Relationships—Synonyms, Antonyms, and Homonyms
- Word Structure—Roots and Affixes

Special Topics

- The Bible as Literature—Nonfiction, Short Story, Poetry, Drama, and Parable
- The Nature of Advertising
- Creating an Advertisement
- Graphic Aids—Charts and Graphs
- Reference Materials—Dictionary, Encyclopedia, Almanac, Atlas, Who's Who, Thesaurus, and Concordance
- Study Skills—Note-Taking
- Word Play—Palindromes, Puns, and Conundrums

Literature List

The literary works students will encounter in Language Arts 600 include, but are not limited to:

Fiction

- Wier, Ester. *The Loner* (excerpt)

Poetry

- Carroll, Lewis. "A Mouse's Tail"
- "Sir Patrick Spens"
- Stevenson, Robert. "Rain"

Unit 1: Elements of Grammar	
Assignments	
1. Course Overview	14. Spelling Lesson 3
2. The Sentence	15. Quiz 3
3. Sentence Types	16. Spelling Quiz 3
4. Spelling Lesson 1	17. Pronouns
5. Quiz 1	18. Prepositions
6. Spelling Quiz 1	19. Conjunctions and Interjections
7. Nouns	20. Quiz 4
8. Verbs	21. Special Project*
9. Spelling Lesson 2	22. Review Game
10. Quiz 2	23. Test
11. Spelling Quiz 2	24. Alternate Test*
12. Adjectives	25. Reference
13. Adverbs	

Unit 2: Grammar Usage	
Assignments	
1. Capitalization	14. Using Auxiliary Verbs
2. Punctuation	15. Spelling Lesson 3
3. Spelling Lesson 1	16. Quiz 3
4. Quiz 1	17. Spelling Quiz 3
5. Spelling Quiz 1	18. Using Adjectives and Adverbs
6. Word Parts	19. Fragments and Run-on Sentences
7. Word Parts: Exercises*	20. Quiz 4
8. Synonyms, Antonyms, and Idioms	21. Special Project*
9. Spelling Lesson 2	22. Review Game
10. Quiz 2	23. Test
11. Spelling Quiz 2	24. Alternate Test*
12. Person and Number of Verbs	25. Reference
13. Principal Parts of Verbs	

Unit 3: Reading Skills		
Language Arts 600	Assignments	
	1. Developing Reading Skills	13. Project: Book Report: Short Story*
	2. Developing Vocabulary	14. Analyzing Story Structure
	3. Spelling Lesson 1: /sh/	15. Comparing and Contrasting Stories
	4. Quiz 1	16. Spelling Lesson 3: Homonyms
	5. Spelling Quiz 1	17. Quiz 3
	6. Finding Relationships: Sequence/Cause and Effect	18. Spelling Quiz 3
	7. Comprehension: Distinguishing Fact from Opinion	19. Special Project*
	8. Reading to Comprehend	20. Review Game
	9. Spelling Lesson 2: /sh/	21. Test
	10. Quiz 2	22. Alternate Test*
	11. Spelling Quiz 2	23. Reference
	12. Reading Critically	
Language Arts 600	Unit 4: Writing Skills	
	Assignments	
	1. Paragraph Writing	14. Spelling Lesson 2: -ing
	2. Essay: Paragraph	15. Spelling Quiz 2
	3. Essay: Autobiography*	16. Writing the Report
	4. Business Letters	17. Project: Research--Final Report
	5. Project: Business Letter	18. Spelling Lesson 3
	6. Report Writing: Preparation	19. Quiz 2
	7. Spelling Lesson 1: Plurals	20. Spelling Quiz 3
	8. Quiz 1	21. Special Project*
	9. Spelling Quiz 1	22. Review Game
	10. Report Writing: Researching	23. Test
	11. Project: Research--Taking Notes	24. Alternate Test*
	12. Outlining	25. Reference
	13. Project: Research--Outline	
Language Arts 600	Unit 5: Newspapers and Propaganda	
	Assignments	
	1. The Newspaper	13. Recognizing Propaganda
	2. Fact and Opinion in News Reports	14. Project: Propaganda
	3. Report: Newspapers Today	15. Spelling Lesson 3: Plurals, Homonyms, and the /sh/ Sound
	4. Analyzing a News Story	16. Spelling Quiz 3
	5. Project: News Story	17. Quiz 2
	6. Spelling Lesson 1: Words That Sound Alike	18. Special Project*
	7. Quiz 1	19. Review Game
	8. Spelling Quiz 1	20. Test
	9. Propaganda	21. Alternate Test*
	10. Project: Advertisement	22. Reference
	11. Spelling Lesson 2	
	12. Spelling Quiz 2	

Unit 6: Literary Forms		
Language Arts 600	Assignments	
	1. Spelling Lesson 1	11. Mood
	2. Spelling Quiz 1	12. Spelling Lesson 3
	3. Poetry	13. Quiz 2
	4. Types of Prose Fiction	14. Spelling Quiz 3
	5. Types of Prose Fiction (2)	15. Special Project*
	6. Spelling Lesson 2	16. Review Game
	7. Quiz 1	17. Test
	8. Spelling Quiz 2	18. Alternate Test*
	9. Prose Nonfiction	19. Reference
	10. Project: Book Report: Biography*	
Unit 7: Reading for a Purpose		
Language Arts 600	Assignments	
	1. Judging a Book	13. Reading for Inspiration (1)
	2. An Author's Use of Expressive Language	14. Reading for Inspiration (2)
	3. Spelling Lesson 1	15. Essay: Lambs in the Bible
	4. Quiz 1	16. Spelling Lesson 3: Suffixes and the /sh/ Sound
	5. Spelling Quiz 1	17. Quiz 3
	6. Nonfiction Comprehension Practice	18. Spelling Quiz 3
	7. Nonfiction: Main Idea and Supporting Details	19. Project: Book Report: Novel*
	8. Project: Outline*	20. Special Project*
	9. Report: Sheepherding	21. Review Game
	10. Spelling Lesson 2	22. Test
	11. Quiz 2	23. Alternate Test*
	12. Spelling Quiz 2	24. Reference
Unit 8: Poetry		
Language Arts 600	Assignments	
	1. Characteristics of Poetry	17. Project: Cinquain and Shaped Poems
	2. Free Verse	18. Spelling Lesson 3
	3. Project: Youthfulness*	19. Quiz 2
	4. Spelling Lesson 1	20. Spelling Quiz 3
	5. Quiz 1	21. Musical Poems
	6. Spelling Quiz 1	22. Report: Lullabies
	7. Figures of Speech: Similes	23. Word Play: Riddles/Conundrums
	8. Figures of Speech: Metaphors	24. Limericks
	9. Project: Metaphors	25. Project: Limericks
	10. Poetic Devices	26. Palindromes
	11. Essay: Invented Words	27. Quiz 3
	12. Spelling Lesson 2	28. Special Project*
	13. Spelling Quiz 2	29. Review Game
	14. Poetic Forms (1)	30. Test
	15. Project: Pen Picture	31. Alternate Test*
	16. Poetic Forms (2)	32. Reference

Unit 9: Bible Literature		
Language Arts 600	Assignments	
	1. The Bible as Literature	13. Spelling Quiz 2
	2. A Bible Story	14. Bible History
	3. Project: Bible Stories*	15. Law
	4. Parables and Proverbs	16. Spelling Lesson 3
	5. Spelling Lesson 1	17. Quiz 3
	6. Quiz 1	18. Spelling Quiz 3
	7. Spelling Quiz 1	19. Special Project*
	8. Bible Poetry	20. Review Game
	9. Project: Psalm 19	21. Test
	10. Prophetic Writing	22. Alternate Test*
	11. Spelling Lesson 2	23. Reference
	12. Quiz 2	
Unit 10: Review		
Language Arts 600	Assignments	
	1. Patterns in Language	12. Project: Advertising
	2. Capitalization and Punctuation	13. Essay: The President's Thoughts*
	3. Quiz 1	14. Communication: Letters and Newspapers
	4. Organization in Literary Forms	15. Project: Newspaper*
	5. Quiz 2	16. Quiz 4
	6. Project: Planning and Writing a Short Story	17. Special Project*
	7. Literary Forms (1)	18. Review Game
	8. Project: Fish Story*	19. Test
	9. Literary Forms (2)	20. Alternate Test*
	10. Quiz 3	21. Reference
	11. Forms of Communication	

Mathematics 600

Math 600 is a full-year elementary math course focusing on number skills and numerical literacy, with an introduction to the number skills needed for algebra. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to statistical and probability concepts.

By the end of the course, students will be expected to do the following:

- Perform all four operations on whole numbers, decimals, and fractions.
- Factor numbers completely and find greatest common factors.
- Convert between fractions, decimals, and percentages.
- Represent numbers with exponents.
- Calculate perimeters and areas of regular plane shapes and measure angles.
- Plot ordered pairs on coordinate grids.
- Represent data on statistical charts, including picture, bar, line, and circle graphs.
- Calculate probabilities and make predictions.

Unit 1: Whole Numbers and Algebra	
Assignments	
1. Course Overview	14. Alternate Quiz 2: Form B: Operations and Number Patterns*
2. Rounding and Estimation	15. Variables
3. Whole Number Operations	16. Expressions
4. Real Number Properties	17. Variable Expressions
5. Quiz 1: Whole Numbers and Their Properties	18. Equations and Mental Math
6. Alternate Quiz 1: Form A: Whole Numbers and Their Properties*	19. Quiz 3: Algebra
7. Their Properties*	20. Alternate Quiz 3: Form A: Algebra*
8. Alternate Quiz 1: Form B: Whole Numbers and Their Properties*	21. Alternate Quiz 3: Form B: Algebra*
9. Exponents	22. Special Project*
10. Squares, Cubes, and Roots	23. Review
11. Order of Operations	24. Test
12. Number Patterns	25. Alternate Test: Form A*
13. Quiz 2: Operations and Number Patterns	26. Alternate Test: Form B*
14. Alternate Quiz 2: Form A: Operations and Number Patterns*	27. Glossary and Credits

Unit 2: Data Analysis		
Mathematics 600	Assignments	
	1. Collecting Data and the Mean	14. Bar Graphs
	2. Median, Mode, and Range	15. Line Graphs
	3. Describing Data	16. Venn Diagrams
	4. Quiz 1: Collecting and Describing Data	17. Vertex-Edge Graphs
	5. Alternate Quiz 1: Form A: Collecting and Describing	18. Quiz 3: Displaying and Interpreting Data
	6. Data*	19. Alternate Quiz 3: Form A: Displaying and
	7. Alternate Quiz 1: Form B: Collecting and Describing	20. Interpreting Data*
	8. Data*	21. Alternate Quiz 3: Form B: Displaying and
	9. Frequency Tables	22. Interpreting Data*
	10. Histograms	23. Special Project*
	11. Line Plots	24. Review
	12. Stem-and-Leaf Plots	25. Test
	13. Quiz 2: Organizing Data	26. Alternate Test: Form A*
	14. Alternate Quiz 2: Form A: Organizing Data*	27. Alternate Test: Form B*
	15. Alternate Quiz 2: Form B: Organizing Data*	28. Glossary and Credits

Unit 3: Decimals		
Mathematics 600	Assignments	
	1. Decimals and Place Value	15. Length
	2. Ordering and Comparing	16. Mass and Capacity
	3. Rounding and Estimating	17. Multiplying and Dividing by Powers of Ten
	4. Adding and Subtracting	18. Converting Metric Units
	5. Quiz 1: Decimal Numbers	19. Quiz 3: The Metric System
	6. Alternate Quiz 1: Form A: Decimal Numbers*	20. Alternate Quiz 3: Form A: The Metric System*
	7. Alternate Quiz 1: Form B: Decimal Numbers*	21. Alternate Quiz 3: Form B: The Metric System*
	8. Multiplying by Whole Numbers	22. Special Project*
	9. Multiplying by Decimals	23. Review
	10. Dividing by Whole Numbers	24. Test
	11. Dividing by Decimals	25. Alternate Test: Form A*
	12. Quiz 2: Multiplying and Dividing Decimal Numbers	26. Alternate Test: Form B*
	13. Alternate Quiz 2: Form A: Multiplying and Dividing Decimal Numbers*	27. Glossary and Credits
	14. Alternate Quiz 2: Form B: Multiplying and Dividing Decimals and Place Value	

Unit 4: Fractions	
Assignments	
1. Divisibility and Prime Factorization	14. Changing Decimals to Fractions
2. Greatest Common Factor	15. Changing Fractions to Decimals
3. Fractions	16. Estimating with Fractions
4. Equivalent Fractions	17. Measures of Time
5. Quiz 1: Factors and Fractions	18. Quiz 3: Decimals and Fractions
6. Alternate Quiz 1: Form A: Factors and Fractions*	19. Alternate Quiz 3: Form A: Decimals and Fractions*
7. Alternate Quiz 1: Form B: Factors and Fractions*	20. Alternate Quiz 3: Form B: Decimals and Fractions*
8. Least Common Multiple	21. Special Project*
9. Comparing and Ordering Fractions	22. Review
10. Improper Fractions and Mixed Numbers	23. Test
11. Quiz 2: The LCM and Fractions	24. Alternate Test: Form A*
12. Alternate Quiz 2: Form A: The LCM and Fractions*	25. Alternate Test: Form B*
13. Alternate Quiz 2: Form B: The LCM and Fractions*	26. Glossary and Credits

Unit 5: Fraction Operations	
Assignments	
1. Fractions with Like Denominators	14. Alternate Quiz 2: Form B: Multiplying and Dividing Fractions*
2. Fractions with Unlike Denominators	15. Length
3. Mixed Numbers	16. Weight
4. Renaming Mixed Numbers	17. Capacity
5. Quiz 1: Adding and Subtracting Fractions	18. Quiz 3: The Customary System
6. Alternate Quiz 1: Form A: Adding and Subtracting Fractions*	19. Alternate Quiz 3: Form A: The Customary System*
7. Alternate Quiz 1: Form B: Adding and Subtracting Fractions*	20. Alternate Quiz 3: Form B: The Customary System*
8. Multiplying Fractions	21. Special Project*
9. Multiplying Mixed Numbers	22. Review
10. Dividing Fractions	23. Test
11. Dividing Mixed Numbers	24. Alternate Test: Form A*
12. Quiz 2: Multiplying and Dividing Fractions	25. Alternate Test: Form B*
13. Alternate Quiz 2: Form A: Multiplying and Dividing Fractions*	26. Glossary and Credits

Unit 6: Ratio, Proportion, and Percent		
Mathematics 600	Assignments	
	1. Ratios	14. Converting Between Decimals and Percents
	2. Geometry: Circumference	15. Converting Between Fractions and Percents
	3. Rates	16. Data Analysis: Circle Graphs
	4. Quiz 1: Ratios	17. Percent of a Number
	5. Alternate Quiz 1: Form A: Ratios*	18. Quiz 3: Percent
	6. Alternate Quiz 1: Form B: Ratios*	19. Alternate Quiz 3: Form A: Percent*
	7. Proportions	20. Alternate Quiz 3: Form B: Percent*
	8. Solving Proportions	21. Special Project*
	9. Scale Drawings	22. Review
	10. Project: Make a Scale Drawing	23. Test
	11. Quiz 2: Proportions	24. Alternate Test: Form A*
	12. Alternate Quiz 2: Form A: Proportions*	25. Alternate Test: Form B*
	13. Alternate Quiz 2: Form B: Proportions*	26. Glossary and Credits
Unit 7: Probability and Geometry		
Mathematics 600	Assignments	
	1. Introduction to Probability	14. Triangles
	2. Complementary Events	15. Quadrilaterals
	3. Sample Space	16. Polygons
	4. Project: Theoretical vs. Experimental Probability	17. Congruent and Similar Figures
	5. Quiz 1: Probability	18. Quiz 3: Geometry: Polygons
	6. Alternate Quiz 1: Form A: Probability*	19. Alternate Quiz 3: Form A: Geometry: Polygons*
	7. Alternate Quiz 1: Form B: Probability*	20. Alternate Quiz 3: Form B: Geometry: Polygons*
	8. Introduction to Geometry	21. Special Project*
	9. Measuring and Classifying Angles	22. Review
	10. Angle Relationships	23. Test
	11. Quiz 2: Geometry: Angles	24. Alternate Test: Form A*
	12. Alternate Quiz 2: Form A: Geometry: Angles*	25. Alternate Test: Form B*
	13. Alternate Quiz 2: Form B: Geometry: Angles*	26. Glossary and Credits
Unit 8: Geometry and Measurement		
Mathematics 600	Assignments	
	1. Perimeter	13. Finding Missing Dimensions
	2. Area of Parallelograms	14. Project: Triangular Prisms
	3. Area of Triangles	15. Quiz 2: Solid Figures
	4. Area of Composite Figures	16. Alternate Quiz 2: Form A: Solid Figures*
	5. Area of Circles	17. Alternate Quiz 2: Form B: Solid Figures*
	6. Project: Estimating Area	18. Special Project*
	7. Quiz 1: Plane Figures	19. Review
	8. Alternate Quiz 1: Form A: Plane Figures*	20. Test
	9. Alternate Quiz 1: Form B: Plane Figures*	21. Alternate Test: Form A*
	10. Solid Figures	22. Alternate Test: Form B*
	11. Surface Area of Rectangular Prisms	23. Glossary and Credits
	12. Volume of Rectangular Prisms	

Unit 9: Integers and Transformations		
Mathematics 600	Assignments	
	1. Integers	14. Alternate Quiz 2: Form B: Integer Operations*
	2. Comparing and Ordering Integers	15. Translations
	3. Absolute Value	16. Reflections and Rotations
	4. Coordinate Plane	17. Line Symmetry
	5. Quiz 1: Integers	18. Quiz 3: Transformations
	6. Alternate Quiz 1: Form A: Integers*	19. Alternate Quiz 3: Form A: Transformations*
	7. Alternate Quiz 1: Form B: Integers*	20. Alternate Quiz 3: Form B: Transformations*
	8. Addition	21. Special Project*
	9. Subtraction	22. Review
	10. Multiplication	23. Test
	11. Division	24. Alternate Test: Form A*
	12. Quiz 2: Integer Operations	25. Alternate Test: Form B*
	13. Alternate Quiz 2: Form A: Integer Operations*	26. Glossary and Credits
Mathematics 600	Unit 10: Equations and Functions	
	Assignments	
	1. Equations	14. Alternate Quiz 2: Form B: More Equations and Inequalities*
	2. Writing Equations	15. Functions
	3. Addition Equations	16. Function Rules
	4. Subtraction Equations	17. Graphing Functions
	5. Quiz 1: Equations	18. Quiz 3: Functions
	6. Alternate Quiz 1: Form A: Equations*	19. Alternate Quiz 3: Form A: Functions*
	7. Alternate Quiz 1: Form B: Equations*	20. Alternate Quiz 3: Form B: Functions*
	8. Multiplication Equations	21. Special Project*
	9. Division Equations	22. Review
	10. Inequalities	23. Test
	11. Graphing Inequalities	24. Alternate Test: Form A*
	12. Quiz 2: More Equations and Inequalities	25. Alternate Test: Form B*
	13. Alternate Quiz 2: Form A: More Equations and Inequalities*	26. Glossary and Credits
Mathematics 600	Unit 11: Course Review and Exam	
	Assignments	
	1. Course Review 1	4. Alternate Exam: Form A*
	2. Course Review 2	5. Alternate Exam: Form B*
	3. Exam	

Science 600

Science 600 is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 300-500 elementary courses, providing a broad survey of the major areas of science. Some of the areas covered in Science 600 include the study of plant and animal systems, plant and animal behavior, genetics, the structure of matter, light and sound, kinematics, planet Earth, the solar system, and astronomy.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on children's natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should begin to understand interrelationships between organisms, recognize patterns in ecosystems, and become aware of the cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Describe the different systems in plants and animals.
- Explain the different ways plants and animals behave.
- Explain how Mendel used observation to develop his theories.
- Demonstrate a basic knowledge of chemical structure and the periodic table.
- Discuss light and sound waves.
- Describe motion as it relates to force and work.
- Explain how time and season are related to the rotation and revolution of the earth.
- Identify common stars and constellations.

Unit 1: Plant Systems	
Assignments	
1. Course Overview	13. Transport System: Stems and Leaves
2. Photosynthesis: Location	14. Experiment: Celery
3. Experiment: Anacharis Photosynthesis	15. Quiz 2
4. Photosynthesis: The Leaf Factory	16. Regulatory System
5. Experiment: Seeds	17. Experiment: Growing Roots*
6. Photosynthesis: Products	18. Quiz 3
7. Experiment: Digestive Enzymes	19. Special Project*
8. Photosynthesis: Raw Materials	20. Review Game
9. Investigation: Plant Growth	21. Test
10. Quiz 1	22. Alternate Test*
11. Transport System: Roots	23. Reference
12. Experiment: Root Observation	

Unit 2: Body Systems		
Science 600	Assignments	
	1. Digestive System: Structure	13. Project: Lungs*
	2. Digestive System: Function	14. Experiment: Evaporation and Cooling
	3. Experiment: Digestion	15. Quiz 2
	4. Digestive System: Function (Part 2)	16. Muscular System
	5. Experiment: Oil and Soap	17. Skeletal System
	6. Experiment: Passing Food	18. Quiz: Bone Quiz*
	7. Quiz 1	19. Quiz 3
	8. Circulatory System	20. Special Project*
	9. Experiment: Pulse Rate	21. Review Game
	10. Project: Heart*	22. Test
	11. Excretory System	23. Alternate Test*
	12. Experiment: Carbon Dioxide	24. Reference
Science 600	Unit 3: Plants and Animal Behavior	
	Assignments	
	1. The Nervous System	13. Terrestrial Biomes
	2. Report: The Eye	14. Aquatic Biomes
	3. Report: The Ear	15. Food Chains
	4. Nerves and Spinal Column	16. Nature: Cycles and Balance
	5. Response and Intelligence	17. Report: Man's Influence*
	6. Report: Instincts*	18. Quiz 3
	7. Experiment: Response*	19. Special Project*
	8. Experiment: Trial and Error*	20. Review Game
	9. Quiz 1	21. Test
	10. Plant Behavior	22. Alternate Test*
	11. Investigation: Tropisms	23. Reference
	12. Quiz 2	
Science 600	Unit 4: Molecular Genetics	
	Assignments	
	1. Reproduction	13. Experiment: Albinos*
	2. Project: Flower Structure*	14. Report: Genetics*
	3. Male-Female Reproduction	15. Mutation
	4. Project: Lima Bean Embryo*	16. The Use of Mutations
	5. Quiz 1	17. Project: Pea Pod*
	6. Inheritance	18. Temperature Influence on Coloration
	7. Project: Mendel's Discovery*	19. Quiz 3
	8. Taste, Dominance, and Multiple Genes	20. Special Project*
	9. Experiment: Taste Gene Lab	21. Review Game
	10. Project: Traits*	22. Test
	11. Quiz 2	23. Alternate Test*
	12. DNA	24. Reference

Unit 5: Chemical Structure and Change

Assignments

- | | | | |
|-----|-----------------------------------|-----|-------------------------------|
| 1. | Chemical Structure | 16. | Project: Chart and Diagram* |
| 2. | Experiment: Solid, Liquid, Gas | 17. | Report: Chemical Discoveries* |
| 3. | Chemical Elements and Atoms | 18. | Acids and Bases |
| 4. | Molecules and Compounds | 19. | Experiment: Acid or Base? |
| 5. | Experiment: Copper Iodide | 20. | Project: From Memory* |
| 6. | Experiment: Calcium Carbonate | 21. | Project: Cause and Effect* |
| 7. | Quiz 1 | 22. | Project: Chemical Symbols* |
| 8. | Periodic Table | 23. | Project: Discussion* |
| 9. | Project: Water Molecule Model | 24. | Quiz 3 |
| 10. | Atomic Mass | 25. | Special Project* |
| 11. | Project: Atomic Number* | 26. | Review Game |
| 12. | Arrangement of the Periodic Table | 27. | Test |
| 13. | Project: Use the Periodic Table | 28. | Alternate Test* |
| 14. | Quiz 2 | 29. | Reference |
| 15. | Chemical Change | | |

Unit 6: Light and Sound

Assignments

- | | | |
|-------------|--------------------------------|--|
| Science 600 | 1. Waves: Sound | 13. Project: Color Wheel |
| | 2. Experiment: Test Tube Tunes | 14. Experiment: Subtractive Colors |
| | 3. Project: Sound Vibrations | 15. Experiment: Mixing Colored Lights* |
| | 4. Light Waves | 16. Mixing Colors |
| | 5. Project: Light Waves | 17. Experiment: Mixing Colorants* |
| | 6. Project: Refracted Light | 18. Quiz 3 |
| | 7. Quiz 1 | 19. Special Project* |
| | 8. The Spectrum | 20. Review Game |
| | 9. Project: Color Spectrum | 21. Test |
| | 10. Project: Create a Rainbow* | 22. Alternate Test* |
| | 11. Quiz 2 | 23. Reference |
| | 12. Colors | |

Unit 7: Motion and Its Measurement

Assignments

- | | | |
|-------------|--|------------------------------------|
| Science 600 | 1. Motion, Force, and Work | 10. Experiment: The Law of Inertia |
| | 2. Measurement of Work | 11. Quiz 2 |
| | 3. Experiment: Forces of Lifting and Pulling | 12. Change in Motion |
| | 4. Project: Unscramble Activity* | 13. Quiz 3 |
| | 5. Quiz 1 | 14. Special Project* |
| | 6. Power and Newton's Laws of Motion | 15. Review Game |
| | 7. Report: Horsepower and Watts* | 16. Test |
| | 8. Experiment: Your Horsepower* | 17. Alternate Test* |
| | 9. Newton's Laws of Motion and Gravitation | 18. Reference |

Unit 8: Spaceship Earth		
Science 600	Assignments	
	1. Earth's Motion	11. Quiz 2
	2. Experiment: Balloon Globe*	12. The Solar System
	3. Earth's Rotation	13. Report: Planets*
	4. Time	14. Asteroids, Comets, and Meteoroids
	5. Experiment: Observing Shadows	15. Quiz 3
	6. Earth's Orbit	16. Special Project*
	7. Quiz 1	17. Review Game
	8. Eclipses	18. Test
	9. Project: Fact or Opinion*	19. Alternate Test*
	10. Experiment: Eclipses	20. Reference
Unit 9: Astronomy and the Stars		
Science 600	Assignments	
	1. Astronomy	12. Quiz 2
	2. Report: Great Astronomers*	13. Constellations and Major Stars
	3. Astronomy Today	14. Project: Betelgeuse and Aldebaran
	4. Quiz 1	15. Project: Constellations*
	5. Stars	16. Quiz 3
	6. Elements and Spectra	17. Special Project*
	7. Project: The Spectroscope*	18. Review Game
	8. Experiment: Spectrography*	19. Test
	9. Experiment: Oil on Water*	20. Alternate Test*
	10. Magnitude and Luminosity	21. Reference
	11. Light Years and Astronomical Units	
Unit 10: The Earth and the Universe		
Science 600	Assignments	
	1. The Photosynthesis System	14. Physics and Chemistry: Motion
	2. The Transport System of Plants	15. Physics and Chemistry: Machines
	3. The Digestive System	16. Quiz 2
	4. The Excretory System	17. Earth's Rotation
	5. Skeletal and Muscular Systems	18. Earth's Revolution
	6. The Nervous System	19. Our Solar System
	7. Genetics and Reproduction	20. Quiz 3
	8. Ecological Systems	21. Special Project*
	9. Report: Biomes*	22. Review Game
	10. Quiz 1	23. Test
	11. Physics and Chemistry: Matter	24. Alternate Test*
	12. Physics and Chemistry: Light	25. Reference
	13. Physics and Chemistry: Sound	

7th Grade

Bible 700

Bible 700 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on worship, mankind, the attributes of God, prophecies about Christ, the living of balanced lives, and the book of Psalms. Special emphasis is given to the life of Christ from His pre-existence and birth to His resurrection and ascension. These areas target five content strands: theology, the attributes of God, biblical literature, Christian growth, and the life of Christ (a special topic).

Objectives

- Understand the design and practice of Christian worship.
- Describe the nature and purpose of humanity.
- Explain some of the moral attributes of God.
- Follow the biblical presentation of Jesus as the Messiah.
- Identify the characteristics of a balanced Christian life.
- Demonstrate an understanding of the history and design of the book of Psalms.
- Present the primary events in the life of Christ.

Unit 1: Worship		
Bible 700	Assignments	
	1. Course Overview	9. Quiz 2
	2. The Meaning of Worship	10. Hypocritical Worship
	3. The Object of Worship	11. Sacrilegious vs True Worship
	4. The Reasons for Worship	12. Quiz 3
	5. Quiz 1	13. Special Project*
	6. Worship in Old Testament Times	14. Test
	7. Essay: Feasts Fulfilled in Christ	15. Alternate Test*
	8. Worship in New Testament Times	16. Reference

Unit 2: Mankind		
Bible 700	Assignments	
	1. Creation of Mankind	8. Quiz 3
	2. The Original Nature of Mankind	9. The Mission of Mankind
	3. Quiz 1	10. Quiz 4
	4. The Fall of Mankind	11. Special Project*
	5. Quiz 2	12. Test
	6. The Method of Salvation	13. Alternate Test*
	7. The Result of Salvation	14. Reference

Unit 3: Attributes of God		
Bible 700	Assignments	
	1. Love	7. Quiz 3
	2. Quiz 1	8. Special Project*
	3. Mercy: Divine Choice	9. Test
	4. Mercy: Divine Provision	10. Alternate Test*
	5. Quiz 2	11. Reference
	6. Grace	
Unit 4: Christian Evidences		
Bible 700	Assignments	
	1. The Method of the First Advent	7. Quiz 2
	2. The Purpose of the First Advent	8. Special Project*
	3. Quiz 1	9. Test
	4. The Offices of the Messiah Foretold	10. Alternate Test*
	5. Offices of the Messiah Fulfilled	11. Reference
	6. Essay: Prophecy	
Unit 5: New Life in Christ		
Bible 700	Assignments	
	1. Life Before and After Christ	8. The Life of Grace
	2. Christ Brings New Life	9. Project: The Fruit of the Spirit
	3. Quiz 1	10. Quiz 3
	4. Growing in Christ: God's Desire	11. Special Project*
	5. Obstacles to Growth	12. Test
	6. Quiz 2	13. Alternate Test*
	7. Life in the Spirit: Transformation	14. Reference
Unit 6: The Psalms		
Bible 700	Assignments	
	1. The Psalms	10. Psalm 100: Background
	2. The History of the Psalms	11. Poetry of Psalm 100
	3. The Types of Psalms	12. Meaning of Psalm 100
	4. The Use of the Psalms	13. Quiz 3
	5. Quiz 1	14. Special Project*
	6. Hebrew Poetry: Variations	15. Test
	7. Forms of Hebrew Poetry	16. Alternate Test*
	8. Patterns of Hebrew Poetry	17. Reference
	9. Quiz 2 (bib07u062q.xml)	

Unit 7: Life of Christ - Part 1		
Bible 700	Assignments	
	1. The Pre-existence of Christ	11. Jesus and the Woman at the Well
	2. The Birth of Christ	12. Quiz 3
	3. The Youth of Christ	13. Early Galilean Ministry: Miracles
	4. Quiz 1	14. Early Galilean Ministry: Controversies
	5. The Baptism of Jesus	15. Early Galilean Ministry: Sermons
	6. The Temptations of Jesus	16. Quiz 4
	7. The Disciples of Christ	17. Special Project*
	8. Quiz 2	18. Test
	9. Jesus' Cleansing of the Temple	19. Alternate Test*
	10. Jesus' Conversation with Nicodemus	20. Reference
Unit 8: Life of Christ - Part 2		
Bible 700	Assignments	
	1. Public Ministry in Galilee: Miracles	9. Public Ministry in Judea and Perea
	2. Miracles II	10. Project: Opposition to Faith
	3. Parables	11. Perean Ministry
	4. Quiz 1	12. Quiz 3
	5. Private Ministry in Galilee	13. Special Project*
	6. The Lord's Provision	14. Test
	7. The Transfiguration	15. Alternate Test*
	8. Quiz 2	16. Reference
Unit 9: Life of Christ - Part 3		
Bible 700	Assignments	
	1. Jesus' Final Ministry in Jerusalem	9. Jesus' Resurrection and Ascension
	2. Jesus' Private Ministry in Jerusalem	10. The Appearances
	3. The Last Supper	11. The Ascension
	4. Quiz 1	12. Quiz 3
	5. Jesus' Sufferings and Crucifixion	13. Special Project*
	6. Trials: Sanhedrin, Pilate, Herod	14. Test
	7. Crucifixion, Death, and Burial	15. Alternate Test*
	8. Quiz 2	16. Reference
Unit 10: God's Plan in Christ		
Bible 700	Assignments	
	1. God and His Attributes	11. Unique in His Death and Resurrection
	2. The Plan of God	12. Quiz 3
	3. Quiz 1	13. Man's Response to God
	4. Man's History: Life Before Christ	14. Maturing in the Lord
	5. Human Life After the Fall	15. Quiz 4
	6. Human Life After Christ	16. Memory Verse Quiz (All Units)
	7. Quiz 2	17. Special Project*
	8. Jesus Christ Fulfills God's Plan	18. Test
	9. The Life of Christ: His Birth	19. Alternate Test*
	10. Unique in His Ministry	20. Reference

History and Geography 700

History and Geography 700 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course surveys the social sciences, covering history, geography, anthropology, sociology, economics, and political science. These areas of focus target all five major content strands: History, Geography, Government and Citizenship, Economics, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand the historical method.
- Understand the world in spatial terms (according to latitude and longitude, maps, time zones, and Daylight-Saving Time).
- Locate and describe different topographical features of the world, such as plains, mountainous regions, rivers, and valleys.
- Locate and describe U.S. regions made up of various groups of states, such as the Northeast and the Midwest.
- Understand the meaning, methods, and goals of anthropology.
- Understand the meaning, methods, and goals of sociology.
- Understand the anthropology and sociology of the United States, especially of Native Americans.
- Know the characteristics of major economic systems—free enterprise and socialism—and the role that government plays in each one.
- Understand and describe contributions made to the area of political science by various political thinkers.
- Understand the structure and functions of American government and economics at the state level.

Additionally, students will gain practice in report-writing, covering topics like topographies of home states, underdeveloped nations, modern political issues, and more.

Unit 1: What is History?	
Assignments	
1. Course Overview	9. Quiz 2
2. The Definition of History	10. Two Views of History
3. Significance: Contributions	11. Quiz 3
4. Significance: Unity and Continuity	12. Special Project*
5. Significance: Conflicts	13. Test
6. Quiz 1	14. Alternate Test*
7. Characteristics of Historians	15. Reference
8. The Historical Method	

History and Geography 700	Unit 2: What is Geography?	
	Assignments	
History and Geography 700	1. Classes of Geography	12. Quiz 2
	2. Shape and Movement of the Earth	13. Types of Projections
History and Geography 700	3. Quiz 1	14. Places on Maps
	4. Relief: Plains and Hills	15. Time Changes and Location
History and Geography 700	5. Relief: Mountains and Plateaus	16. Project: Local Map*
	6. Elevation*	17. Quiz 3
History and Geography 700	7. Relief: Rivers, Valleys, Oceans, Seas	18. Special Project*
	8. Rivers*	19. Test
History and Geography 700	9. The Journey West	20. Alternate Test*
	10. Essay: Geography Trip*	21. Reference
History and Geography 700	11. Project: Landscape*	
Unit 3: The United States		
History and Geography 700	Assignments	
	1. Geography: Part 1	9. West
History and Geography 700	2. Geography: Part 2	10. Project: My Own State
	3. Early History	11. Quiz 3
History and Geography 700	4. Quiz 1	12. Special Project*
	5. Northeast	13. Test
History and Geography 700	6. South	14. Alternate Test*
	7. Quiz 2	15. Reference
History and Geography 700	8. Midwest	
Unit 4: Anthropology - The Study of Mankind		
History and Geography 700	Assignments	
	1. Understanding Anthropology	9. Seeking Protection
History and Geography 700	2. Goals and Methods of Anthropology	10. Seeking Prosperity
	3. Fieldwork	11. Quiz 3
History and Geography 700	4. Quiz 1	12. Special Project*
	5. Unity of Man	13. Test
History and Geography 700	6. Diversity of Man	14. Alternate Test*
	7. Quiz 2	15. Reference
History and Geography 700	8. Seeking Food	
Unit 5: Sociology - Man in Groups		
History and Geography 700	Assignments	
	1. Introduction	7. Quiz 2
History and Geography 700	2. Historical Development	8. Special Project*
	3. Social Groups/ Cultural Influence	9. Test
History and Geography 700	4. Social Behavior	10. Alternate Test*
	5. Quiz 1	11. Reference
History and Geography 700	6. Methods	

History and Geography 700	Unit 6: Anthropology and Sociology of the United States	
	Assignments	
	1. Native Americans	9. Quiz 2
	2. Northeastern/ Southern Tribes	10. United States as a Melting Pot
	3. Midwestern/ Western Tribes	11. Change in Society
	4. Other Cultural Groups	12. Quiz 3
	5. Essay: Native American Culture	13. Special Project*
	6. Quiz 1	14. Test
	7. Immigrants From Europe, Asia, and Africa	15. Alternate Test*
	8. Other Social Groups/ Religions	16. Reference
	Unit 7: Economics - Resources and Needs	
	Assignments	
	1. Wants and Economic Systems	9. An Experiment in Economy
	2. Resources Available and Choice	10. Essay: Economics
	3. Report: Underdeveloped Country	11. Quiz 3
	4. Quiz 1	12. Special Project*
	5. Market Mechanism	13. Test
	6. Competition	14. Alternate Test*
	7. Role of Government and Money	15. Reference
	8. Quiz 2	
	Unit 8: Political Science	
	Assignments	
	1. Areas of Political Science	10. Theory, Practice, and Models
	2. Ways of Knowing	11. Essay: Western Political Thought
	3. Quiz 1	12. Essay: Political News
	4. Contributions: Jewish and Greek Civilizations	13. Quiz 3
	5. Essay: Greek Leader*	14. Special Project*
	6. Contributions: Christianity	15. Test
	7. Report: Roman Leader	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Modern Political Thinkers	
	Unit 9: Economics and Politics of a State	
	Assignments	
	1. State Government	9. Politics: Political Parties
	2. Structure: Legislative	10. Politics: Viewpoints and Power
	3. Structure: Executive and Judicial	11. Quiz 3
	4. Quiz 1	12. Special Project*
	5. State Finance: Spending and Taxing	13. Test
	6. State Finance: Taxing and Borrowing	14. Alternate Test*
	7. Essay: Christian/Government	15. Reference
	8. Quiz 2	

Unit 10: Social Sciences Review		
History and Geography 700	Assignments	
	1. Meaning of History/ Historical Method	11. Quiz 2
	2. Geography of the Earth	12. The Discipline of Economics
	3. Geography and Early History of the U.S.	13. The Discipline of Political Science
	4. Quiz 1	14. The State
	5. Anthropology	15. Quiz 3
	6. Sociology	16. Special Project*
	7. The Nature of Man	17. Test
	8. The Culture of Man	18. Alternate Test*
	9. Cultural Groups of the United States	19. Reference
	10. Immigrants and Social Change	

Language Arts 700

Language Arts 700 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—develops students' reading skills, including the identification of main ideas, supporting details, and sequence; teaches students how to reach logical conclusions as well as use appropriate reading rates; shows students how to identify parts of speech in sentences, with emphasis on adjectives, adverbs, conjunctions, pronouns, and verb types; helps students develop basic literary comprehension skills through the reading of biographical and autobiographical pieces, poetry, and character analyses.
- **Writing**—develops students' understanding of sentence structure, providing hands-on experience with coordination, conjunctions, subject-verb agreement, participles, and phrases; familiarizes students with roots, affixes, and basic word relationships, including homonyms, synonyms, and antonyms; develops students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing paragraphs, character analyses, character sketches, short biographies, and summaries; develops students' critical thinking skills through speculative writing on morality.
- **Speaking**—teaches skills that enable students to become effective speakers and communicators, weaving the skills together throughout the course.
- **Listening**—teaches effective listening comprehension skills, weaving these together throughout the lessons; builds upon students' study skills.

Curriculum Contents

Reading Comprehension Skills

- Analyzing Characters
- Determining Author's Purpose—Reading for Entertainment and Reading for Information
- Identifying Main Ideas and Supporting Details
- Reaching Logical Conclusions
- Reading Nonfiction

Composition

- Character Analysis
- Character Sketch
- Essay Structure—Five Paragraph Essay
- Paragraph Elements—Topic
- Paragraph Organization—Sequence, Unity, and Format
- Paragraph Structure—Transitional, Inductive, and Deductive
- Speculative Writing
- Summarizing
- Writing a Biography
- Writing and Listening
- Writing on Morality and Feelings
- Writing a Report

Grammar and Usage

- Adjectives
- Kinds of Sentences—Declarative, Interrogative, Imperative, and Exclamatory
- Levels of Language Use—Standard, Nonstandard, Formal, and Informal
- Nouns—Common Nouns, Proper Nouns, and Direct Objects
- Pronouns—Nominative, Objective, Possessive, Reflexive, Demonstrative, and Archaic
- Punctuation—Apostrophes, Quotation Marks, Hyphens, and Parentheses
- Sentence Structure
 - Coordination

- Errors in Construction—Fragments, Comma Splices, and Run-ons
 - Patterns
 - Prepositions and Prepositional Phrases
 - Subjects and Predicates
- Verbs—Tense, Irregular, and Auxiliary

Literature Studies

- Nonfiction
 - Definition
 - Elements—Setting, Characterization, and Purpose
 - Genre/Type—Autobiography and Biography
 - Literary Device—Flashback and Foreshadowing

Speaking and Listening

- Listening Strategies
- Speaking Strategies
- Types of Listening—Passive, Purposeful, Critical, Appreciative, and Conversational
- Voice—Pitch, Accent, Pause, and Intonation

Spelling

- Contractions
- Homonyms
- Words with “ei,” “ie,” “y,” and “ou”
- Confused and Mispronounced Words
- Hyphenated Words
- Roots and Affixes
- Word Endings

Vocabulary Building

- Etymology
- Word Relationships—Synonyms, Antonyms, and Homonyms
- Word Structure—Roots and Affixes
- Word Study—Feeling Words and Signal Words

Special Topics

- English Variations—Dialects
- Reference Materials—Encyclopedia and Internet
- Research Skills
- Study Skills—Note-Taking and Summarizing

Unit 1: Nouns, Pronouns, Affixes, and Using Words Correctly		
Language Arts 700	Assignments	
	1. Course Overview	13. Quiz 2: Using Pronouns
	2. Documentation	14. Spelling Quiz 2
	3. Nouns as Labels; Related Nouns; Categories	15. Using the Right Prefix
	4. Common and Proper Nouns	16. Suffixes Change Spelling/Part of Speech
	5. Report: The Meaning of Names	17. Using Mnemonic Devices for Homonyms
	6. Spelling Lesson 1: Content Words; ei and ie	18. Spelling Lesson 3: Common Homonyms
	7. Quiz 1: Using Nouns	19. Quiz 3: Cumulative
	8. Spelling Quiz 1	20. Spelling Quiz 3
	9. Personal Pronoun Case	21. Unit 1 Special Project*
	10. Reflexive Pronouns; Archaic Pronouns	22. Test
	11. Demonstratives; Pronoun-Antecedent Agreement	23. Alternate Test*
	12. Spelling Lesson 2: General/Easily Confused Words	24. Reference
Unit 2: Usage; Speaking and Listening; Verb Tenses		
Language Arts 700	Assignments	
	1. Speaking Expressively	13. Verbs: Present Tense
	2. Retelling a Story: Alfred the Great	14. Past Tense: Regular and Irregular Verbs
	3. Project: Story-telling	15. Auxiliary Verbs/Future Tense
	4. Report: Alfred the Great	16. Verbs: Perfect Tenses and Conjugation
	5. Spelling Lesson 1: Multisyllable Words	17. Spelling Lesson 3: General Words
	6. Quiz 1: Speaking Expressively	18. Quiz 3: Speaking/Listening; Verb Tenses
	7. Spelling Quiz 1	19. Spelling Quiz 3
	8. Adjusting Listening to Purpose	20. Book Report: Novel*
	9. Essay: Listening	21. Unit 2 Special Project*
	10. Spelling Lesson 2: Frequently Misspelled Words	22. Test
	11. Quiz 2: Speaking and Listening	23. Alternate Test*
	12. Spelling Quiz 2	24. Reference
Unit 3: Biographies and Grammar (Affixes)		
Language Arts 700	Assignments	
	1. Biography: William Tyndale	12. Suffixes: Finding
	2. Sequence of Events	13. Meaning of Suffixes/Parts of Speech
	3. Essay: Special Day*	14. Prefixes and Suffixes
	4. Flashback and Inferences in Biography	15. Spelling Lesson 2: Words with Affixes
	5. Project: Biography	16. Quiz 2: Affixes, Biography, Sequence
	6. Book Report: Biography*	17. Spelling Quiz 2
	7. Spelling Lesson 1: General/ -le and -el	18. Unit 3 Special Project*
	8. Quiz 1: Biographies/Sequence of Events	19. Test
	9. Spelling Quiz 1	20. Alternate Test*
	10. Prefixes: Finding	21. Reference
	11. Prefixes: Meanings	

Unit 4: Structure of Written and Spoken Language		
Language Arts 700	Assignments	
	1. Structure: Subject and Predicate	12. Quiz 2: Sentence Structure and Variety
	2. Patterns: Inverted, Compound Parts, S/V/DO	13. Spelling Quiz 2
	3. Patterns: S/LV/PN, S/LV/PA, S/V/IO/DO	14. Pitch/Accent/Pause
	4. Essay: Using Sentence Patterns	15. Punctuating Pauses
	5. Spelling Lesson 1: Content Area Words	16. Spelling Lesson 3: General
	6. Quiz 1: Sentence Structure and Patterns	17. Quiz 3: Cumulative
	7. Spelling Quiz 1	18. Spelling Quiz 3
	8. Writing Complete Sentences	19. Unit 4 Special Project*
	9. Structure; Word Choice; Ambiguity	20. Test
	10. Effective Sentences: Vivid Modifiers	21. Alternate Test*
	11. Spelling Lesson 2: General	22. Reference
Unit 5: The English Language		
Language Arts 700	Assignments	
	1. Words That Signal Types of Organization	15. Verb Tense: Past and Present
	2. Words That Express Feelings	16. Direct Object
	3. Essay: Words for Feelings	17. Verbs Often Confused: Lie/Lay
	4. Spelling Lesson 1: Using y and ou	18. Verbs Often Confused: Sit/Set
	5. Quiz 1: Signal Words and Words for Feelings	19. Verbs Often Confused: Rise/Raise
	6. Spelling Quiz 1	20. Verbs Often Confused: Review
	7. Formal, Informal, Nonstandard English	21. Pronouns Often Confused
	8. Smooth and Clear Expression	22. Spelling Lesson 3: Past Tense Verbs
	9. Essay: Informal/Formal English	23. Quiz 3: Cumulative
	10. Spelling Lesson 2: Homonyms	24. Spelling Quiz 3
	11. Quiz 2 Cumulative	25. Unit 5 Special Project*
	12. Spelling Quiz 2	26. Test
	13. Subject-Verb Agreement in Number	27. Alternate Test*
	14. Form of Action Verbs	28. Reference
Unit 6: Mechanics and Structure of English		
Language Arts 700	Assignments	
	1. Capital Letters 1	15. Subjects and Predicates
	2. Capital Letters 2	16. Complements
	3. Spelling Lesson 1: Adjectives and Adverbs	17. Adjectives
	4. Quiz 1: Capitalization	18. Adverbs
	5. Spelling Quiz 1	19. Prepositional Phrases as Modifiers
	6. Apostrophe	20. Quiz 3: Structure and Mechanics
	7. Quotation Marks	21. Coordination
	8. Parentheses/Hyphen	22. Spelling Lesson 3: General Words
	9. Comma	23. Quiz 4: Cumulative
	10. Punctuation Review	24. Spelling Quiz 3
	11. Essay: Importance of Language Mechanics	25. Unit 6 Special Project*
	12. Spelling Lesson 2: Special Types of Words	26. Test
	13. Quiz 2: Capitals and Punctuation	27. Alternate Test*
	14. Spelling Quiz 2	28. Reference

Unit 7: The Hiding Place: A Study Guide**Assignments**

Language Arts 700

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|---|--|
| 1. Chapters 1-3: Flashback/Foreshadowing | 15. Quiz 2: The Hiding Place, chapters 6-9 |
| 2. Chapters 4-5: Reading for Details | 16. Spelling Quiz 2 |
| 3. Understanding Characters | 17. Chapter 10: Sequence |
| 4. Essay: Occupied | 18. Chapters 11-13: Reading for Details |
| 5. Report: World War II* | 19. Chapters 14-15: Understand Characters |
| 6. Report: Dietrich Bonhoeffer* | 20. Author's Purpose/Modes of Writing |
| 7. Spelling Lesson 1: Noun Suffixes | 21. Essay: Character Sketch |
| 8. Quiz 1: The Hiding Place, chapters 1-5 | 22. Spelling Lesson 3: Noun Suffixes |
| 9. Spelling Quiz 1 | 23. Quiz 3: The Hiding Place, chapters 10-15 |
| 10. Chapters 6-7: Comprehension | 24. Spelling Quiz 3 |
| 11. Chapter 8-9: Suspense | 25. Unit 7 Special Project* |
| 12. Interpretation and Communication | 26. Test |
| 13. Essay: Pickwick | 27. Alternate Test* |
| 14. Spelling Lesson 2: Verb Suffixes | 28. Reference |

Unit 8: Nonfiction and Communication**Assignments**

Language Arts 700

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|--|------------------------------------|
| 1. Nonfiction Literature: Helen Keller | 11. Spelling Quiz 2 |
| 2. Nonfiction Literature: The Apple Tree Switch | 12. Communicating with Gestures |
| 3. Spelling Lesson 1: General | 13. Spelling Lesson 3: General |
| 4. Quiz 1: Nonfiction | 14. Quiz 3: Speaking with Gestures |
| 5. Spelling Quiz 1 | 15. Spelling Quiz 3 |
| 6. Learning to Listen Review | 16. Unit 8 Special Project* |
| 7. Note-taking and Summarizing | 17. Test |
| 8. Essay: Summary | 18. Alternate Test* |
| 9. Spelling Lesson 2: General | 19. Reference |
| 10. Quiz 2: Listening, Summarizing, and Nonfiction | |

Unit 9: Writing and Pronunciation**Assignments**

Language Arts 700

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|--|--|
| 1. Sentence Types: Introduction | 15. Quiz 2: Writing Paragraphs and Mechanics |
| 2. Sentence Types: Declarative/Interrogative | 16. Spelling Quiz 2 |
| 3. Sentence Types: Imperative/Exclamatory | 17. Pronunciation |
| 4. Sentence Errors: Fragments | 18. Regional Differences in Pronunciation |
| 5. Sentence Errors: Comma Splice/Run-on | 19. Words in Reading/Nonsense Words |
| 6. Spelling Lesson 1: General and Content Area Words | 20. Essay: A Nonsense Poet |
| 7. Quiz 1: Correct Sentences | 21. Project: Limericks |
| 8. Spelling Quiz 1 | 22. Spelling Lesson 3: Words Often Mispronounced |
| 9. Paragraph Format/Topic Sentence | 23. Quiz 3: Cumulative |
| 10. Paragraph Unity and Sequence | 24. Spelling Quiz 3 |
| 11. Deductive/Inductive/Transitional Paragraphs | 25. Unit 9 Special Project* |
| 12. Essay: Paragraph Practice | 26. Test |
| 13. Project: Paragraph Self Check | 27. Alternate Test* |
| 14. Spelling Lesson 2: Noun and Adjective Suffixes | 28. Reference |

Unit 10: Review	
Assignments	
1. Verb Tense	16. Project: Punctuation Practice
2. Verb Agreement and Confusion	17. Spelling Review Lessons 3 and 4
3. Nouns and Pronouns	18. Review Quiz 2
4. Reflexive and Demonstrative Pronouns; Pronoun-Antecedent Agreement	19. Spelling Quiz 2
5. Adjectives/Adverbs	20. Communication: Writing and Reading
6. Prepositional Phrases	21. Book Report: Short Story*
7. Sentence Patterns and Types	22. Communication: Speaking and Listening
8. Spelling Review Lessons 1 and 2	23. Project: Autobiography*
9. Review Quiz 1	24. Spelling Review Lessons 5 and 6
10. Spelling Quiz 1	25. Review Quiz 3
11. Capitalization	26. Spelling Quiz 3
12. Apostrophe	27. Unit 10 Special Project*
13. Quotation Marks/Parentheses	28. Test
14. Hyphens/Commas	29. Alternate Test*
	30. Reference

Language Arts 700

Mathematics 700

Mathematics 700 is designed to prepare junior-high students for Mathematics 800. This course focuses on strengthening needed skills in problem solving, number sense, and proportional reasoning. It also introduces students to integers, equations, and geometric concepts. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

By the end of the course, students will be expected to do the following:

- Gain an increased awareness of how math is a life skill.
- Understand how math gives us different ways to model or express the same thing.
- Explore concepts taught in previous math courses, but at higher levels, applying the concepts to real world situations.
- Use proportional reasoning in order to model and solve real world problems.
- Utilize new skills and concepts that will help them in future math courses.

Unit 1: Integers	
Assignments	
1. Course Overview	19. Alternate Quiz 3 - Form B: Multiplying and Dividing Integers*
2. Integers on the Number Line	20. The Real Number System
3. Comparing and Ordering Integers	21. Real Number Properties
4. Absolute Value	22. The Distributive Property
5. Quiz 1: Integers	23. Order of Operations
6. Alternate Quiz 1 - Form A: Integers*	24. Exponents and the Order of Operations
7. Alternate Quiz 1 - Form B: Integers*	25. Quiz 4: The Real Number System
8. Adding Integers with the Same Sign	26. Alternate Quiz 4 - Form A: The Real Number System*
9. Adding Integers with Different Signs	27. Alternate Quiz 4 - Form B: The Real Number System*
10. Subtracting Integers	28. Special Project*
11. Quiz 2: Adding and Subtracting Integers	29. Review
12. Alternate Quiz 2 - Form A: Adding and Subtracting Integers*	30. Test
13. Alternate Quiz 2 - Form B: Adding and Subtracting Integers*	31. Alternate Test - Form A*
14. Multiplying Integers	32. Alternate Test - Form B*
15. Dividing Integers	33. Glossary and Credits
16. Using Integers	
17. Quiz 3: Multiplying and Dividing Integers	
18. Alternate Quiz 3 - Form A: Multiplying and Dividing Integers*	

Unit 2: Fractions		
Mathematics 700	Assignments	
	1. Fractions and Mixed Numbers	14. Comparing and Ordering Fractions
	2. Equivalent Fractions	15. Multiplying Fractions
	3. Divisibility Rules and Prime Factorization	16. Dividing Fractions
	4. Greatest Common Factor and Least Common Multiple	17. Quiz 3: Multiplying and Dividing Fractions
	5. Quiz 1: Working with Fractions	18. Alternate Quiz 3 - Form A: Multiplying and Dividing Fractions*
	6. Alternate Quiz 1 - Form A: Working with Fractions*	19. Alternate Quiz 3 - Form B: Multiplying and Dividing Fractions*
	7. Alternate Quiz 1 - Form B: Working with Fractions*	20. Project: Chef for a Day
	8. Adding and Subtracting Fractions with Like Denominators	21. Special Project*
	9. Adding and Subtracting Fractions with Unlike Denominators	22. Review
	10. Reducing Fractions	23. Test
	11. Quiz 2: Adding and Subtracting Fractions	24. Alternate Test - Form A*
	12. Alternate Quiz 2 - Form A: Adding and Subtracting Fractions*	25. Alternate Test - Form B*
	13. Alternate Quiz 2 - Form B: Adding and Subtracting Fractions*	26. Glossary and Credits

Unit 3: Decimals		
Mathematics 700	Assignments	
	1. Comparing and Ordering Decimals	11. Scientific Notation
	2. Rounding and Estimating Decimals	12. The Metric System
	3. Adding and Subtracting Decimals	13. Quiz 2: Applying Decimals
	4. Multiplying and Dividing Decimals	14. Alternate Quiz 2 - Form A: Applying Decimals*
	5. Quiz 1: Decimals and Their Operations	15. Alternate Quiz 2 - Form B: Applying Decimals*
	6. Alternate Quiz 1 - Form A: Decimals and Their Operations*	16. Special Project*
	7. Alternate Quiz 1 - Form B: Decimals and Their Operations*	17. Review
	8. Terminating and Repeating Decimals	18. Test
	9. Fractions as Decimals	19. Alternate Test - Form A*
	10. Using Decimals	20. Alternate Test - Form B*
		21. Glossary and Credits

Unit 4: Patterns and Equations		
Mathematics 700	Assignments	
	1. Working with Variables and Expressions	18. Quiz 3: Solving Equations
	2. Translating Word Sentences	19. Alternate Quiz 3 - Form A: Solving Equations*
	3. Evaluating Expressions	20. Alternate Quiz 3 - Form B: Solving Equations*
	4. Using Formulas to Solve Problems	21. Solving Two-Step Equations
	5. Quiz 1: Variable Expressions	22. Working with Inequalities
	6. Alternate Quiz 1 - Form A: Variable Expressions*	23. Solving One-Step Inequalities
	7. Alternate Quiz 1 - Form B: Variable Expressions*	24. Quiz 4: Equations and Inequalities
	8. Identifying Number Patterns	25. Alternate Quiz 4 - Form A: Equations and Inequalities*
	9. Describing Number Patterns	26. Alternate Quiz 4 - Form B: Equations and Inequalities*
	10. Identifying Functions	27. Special Project*
	11. Identifying Function Rules	28. Review
	12. Quiz 2: Patterns and Functions	29. Test
	13. Alternate Quiz 2 - Form A: Patterns and Functions*	30. Alternate Test - Form A*
	14. Alternate Quiz 2 - Form B: Patterns and Functions*	31. Alternate Test - Form B*
	15. Solving Equations Using Mental Math	32. Glossary and Credits
	16. Solving Equations Using Addition and Subtraction	
	17. Solving Equations Using Multiplication and Division	
Unit 5: Ratios and Proportions		
Mathematics 700	Assignments	
	1. Ratios	15. Percent of a Number
	2. Rates	16. Percent of Change
	3. Proportions	17. Solving Percent Problems Using Proportions
	4. Quiz 1: Ratios, Rates, and Proportions	18. Solving Percent Problems Using Equations
	5. Alternate Quiz 1 - Form A: Ratios, Rates, and Proportions*	19. Quiz 3: Fractions, Decimals, and Percents
	6. Alternate Quiz 1 - Form B: Ratios, Rates, and Proportions*	20. Alternate Quiz 3 - Form A: Fractions, Decimals, and Percents*
	7. Converting Customary Units	21. Alternate Quiz 3 - Form B: Fractions, Decimals, and Percents*
	8. Converting Metric Units	22. Special Project*
	9. Similarity	23. Review
	10. Scale Drawings	24. Test
	11. Quiz 2: Using Proportions	25. Alternate Test - Form A*
	12. Alternate Quiz 2 - Form A: Using Proportions*	26. Alternate Test - Form B*
	13. Alternate Quiz 2 - Form B: Using Proportions*	27. Glossary and Credits
	14. Converting Between Fractions, Decimals, and Percents	

Unit 6: Probability and Graphing		
Mathematics 700	Assignments	
	1. Theoretical Probability	11. Direct Variation
	2. Experimental Probability	12. Quiz 2: Functions
	3. Sample Space	13. Alternate Quiz 2 - Form A: Functions*
	4. Independent and Dependent Events	14. Alternate Quiz 2 - Form B: Functions*
	5. Quiz 1: Probability	15. Special Project*
	6. Alternate Quiz 1 - Form A: Probability*	16. Review
	7. Alternate Quiz 1 - Form B: Probability*	17. Test
	8. Graphing Ordered Pairs	18. Alternate Test - Form A*
	9. Graphing Linear Equations	19. Alternate Test - Form B*
	10. Slope	20. Glossary and Credits
Mathematics 700	Unit 7: Data Analysis	
	Assignments	
	1. Collecting Data	16. Bar Graphs
	2. Determining Mean, Median, and Mode	17. Circle Graphs
	3. Using Mean, Median, and Mode	18. Scatter Plots
	4. Using Range	19. Quiz 3: Graphing Data and Making Predictions
	5. Quiz 1: Describing Data	20. Alternate Quiz 3 - Form A: Graphing Data and Making Predictions*
	6. Alternate Quiz 1 - Form A: Describing Data*	21. Alternate Quiz 3 - Form B: Graphing Data and Making Predictions*
	7. Alternate Quiz 1 - Form B: Describing Data*	22. Special Project*
	8. Box-and-Whisker Plots	23. Review
	9. Stem-and-Leaf Plots	24. Test
	10. Histograms	25. Alternate Test - Form A*
	11. Other Graphs	26. Alternate Test - Form B*
	12. Quiz 2: Organizing Data	27. Glossary and Credits
	13. Alternate Quiz 2 - Form A: Organizing Data*	
	14. Alternate Quiz 2 - Form B: Organizing Data*	
	15. Line Graphs	
Mathematics 700	Unit 8: Geometry	
	Assignments	
	1. Introduction to Geometry	15. Symmetry
	2. Special Pairs of Angles	16. Reflections
	3. Polygons	17. Translations
	4. Circles	18. Compound Transformations
	5. Quiz 1: Basic Geometry	19. Quiz 3: Transformations
	6. Alternate Quiz 1 - Form A: Basic Geometry*	20. Alternate Quiz 3 - Form A: Transformations*
	7. Alternate Quiz 1 - Form B: Basic Geometry*	21. Alternate Quiz 3 - Form B: Transformations*
	8. Project: Inscribed Polygons	22. Special Project*
	9. Triangles	23. Review
	10. Quadrilaterals	24. Test
	11. Similar Polygons	25. Alternate Test - Form A*
	12. Quiz 2: Classifying Polygons	26. Alternate Test - Form B*
	13. Alternate Quiz 2 - Form A: Classifying Polygons*	27. Glossary and Credits
	14. Alternate Quiz 2 - Form B: Classifying Polygons*	

Mathematics 700

Unit 9: Measurement and Area

Assignments

1. Perimeter	15. Squares and Square Roots
2. Circumference	16. The Pythagorean Theorem
3. Composite Figures	17. Applying the Pythagorean Theorem
4. Quiz 1: Perimeter	18. Quiz 3: The Pythagorean Theorem
5. Alternate Quiz 1 - Form A: Perimeter*	19. Alternate Quiz 3 - Form A: The Pythagorean Theorem*
6. Alternate Quiz 1 - Form B: Perimeter*	20. Alternate Quiz 3 - Form B: The Pythagorean Theorem*
7. Area of Parallelograms	21. Special Project*
8. Area of Triangles and Trapezoids	22. Review
9. Area of Circles	23. Test
10. Area of Composite Figures	24. Alternate Test - Form A*
11. Dimension Changes	25. Alternate Test - Form B*
12. Quiz 2: Area	26. Glossary and Credits
13. Alternate Quiz 2 - Form A: Area*	
14. Alternate Quiz 2 - Form B: Area*	

Unit 10: Surface Area and Volume	
Assignments	
1. Classifying and Identifying Solids	14. Surface Area of Cylinders
2. Nets	15. Volume of Cylinders
3. Surface Area and Volume	16. Dimension Changes
4. Quiz 1: Solids	17. Quiz 3: Cylinders
5. Alternate Quiz 1 - Form A: Solids*	18. Alternate Quiz 3 - Form A: Cylinders*
6. Alternate Quiz 1 - Form B: Solids*	19. Alternate Quiz 3 - Form B: Cylinders*
7. Surface Area of Rectangular Prisms	20. Special Project*
8. Volume of Rectangular Prisms	21. Review
9. Surface Area of Triangular Prisms	22. Test
10. Volume of Triangular Prisms	23. Alternate Test - Form A*
11. Quiz 2: Prisms	24. Alternate Test - Form B*
12. Alternate Quiz 2 - Form A: Prisms*	25. Glossary and Credits
13. Alternate Quiz 2 - Form B: Prisms*	

Mathematics 70	Unit 11: Course Review and Exam	
	Assignments	
	1. Course Review 1	4. Alternate Exam - Form A*
	2. Course Review 2	5. Alternate Exam - Form B*
	3. Exam	

General Science I

General Science I is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 600 course, providing a set of basic scientific skills and a broad survey of the major areas of science. Some of the areas covered in General Science I include the scientific method, overview of the four major areas of science, mathematics in science, astronomy, the atmosphere, natural cycles, weather and climate, human anatomy and physiology, and careers in science.

The course seeks to develop the student's ability to be aware of and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students' natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should show understanding of interrelationships between organisms, recognize patterns in systems, and expand their knowledge of cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Demonstrate a knowledge of the different tools and methods used in science.
- Calculate and convert units in the metric system.
- Discuss historical and current views on astronomy.
- Describe the atmosphere and the weather around the earth.
- Demonstrate a basic knowledge of the different systems in the human body.

Unit 1: What is Science?		
General Science I	Assignments	
	1. Course Overview	9. The Four Major Areas of Science
	2. Tools of a Scientist 1	10. Quiz 3: Work of a Scientist
	3. Tools of a Scientist 2	11. Careers in Science
	4. Quiz 1: Tools of a Scientist	12. Quiz 4: Careers in Science
	5. Methods of a Scientist 1	13. Special Project*
	6. Methods of a Scientist 2	14. Test
	7. Quiz 2: Methods of a Scientist	15. Alternate Test*
	8. The Scientist	16. Reference

Unit 2: Perceiving Things		
General Science I	Assignments	
	1. Measurement: The Metric System	8. Graphs: Pictographs and Pie Charts
	2. Measurement: Size and Distance	9. Experiment: Making Graphs
	3. Measurement: Area	10. Quiz 2: Graphing Data
	4. Measurement: Volume	11. Special Project*
	5. Measurement: Mass and Density	12. Test
	6. Quiz 1: Measurement	13. Alternate Test*
	7. Graphs: Uses, Bar, and Line	14. Reference

Unit 3: Earth in Space (Part 1)		
General Science I	Assignments	
	1. Stargazing	8. Astronomers
	2. Star Charts	9. Essay: Galileo*
	3. Experiment: Constellations	10. Quiz 3: Astronomers
	4. Quiz 1: Stargazing	11. Special Project*
	5. Astronomy	12. Test
	6. Experiment: Astrolabe*	13. Alternate Test*
	7. Quiz 2: Astronomy	14. Reference

Unit 4: Earth in Space (Part 2)		
General Science I	Assignments	
	1. The Sun's Energy	8. Quiz 3: The Moon
	2. Quiz 1: The Sun's Energy	9. Eclipses
	3. The Sun's Family	10. Quiz 4: Eclipses
	4. Outer Planets	11. Special Project*
	5. Asteroids and Comets	12. Test
	6. Quiz 2: The Sun's Family	13. Alternate Test*
	7. The Moon	14. Reference

Unit 5: The Atmosphere		
General Science I	Assignments	
	1. Structure of the Atmosphere	8. Pollution
	2. Solar Effects	9. Quiz 3: Pollution
	3. Experiment: The Greenhouse	10. Special Project*
	4. Quiz 1: Structure of the Atmosphere	11. Test
	5. Water Cycle	12. Alternate Test*
	6. Other Natural Cycles	13. Reference
	7. Quiz 2: Natural Cycles	

Unit 6: Weather		
General Science I	Assignments	
	1. Elements of Weather	8. Quiz 2: Weather in Motion
	2. Wind	9. Weather Forecasting
	3. Pressure	10. Quiz 3: Weather Forecasting
	4. Experiment: Dew Point	11. Special Project*
	5. Quiz 1: Elements of Weather	12. Test
	6. Weather in Motion	13. Alternate Test*
	7. Fronts	14. Reference

Unit 7: Climate		
General Science I	Assignments	
	1. Climate: General	7. Quiz 3: Regional Climate Types and Distribution of Climate Types
	2. Quiz 1: Climate: General	8. Special Project*
	3. Climate: Worldwide	9. Test
	4. Quiz 2: Climate: Worldwide	10. Alternate Test*
	5. Regional Climate Types	11. Reference
	6. Distribution of Climate Types in the World	

Unit 8: The Human Anatomy (Part 1)		
General Science I	Assignments	
	1. Human Building Blocks	8. Project: Human Brain*

	2. Experiment: Cheek Cell	9. Senses
	3. Quiz 1: Human Building Blocks	10. Quiz 3: Human Nervous System and Senses
	4. Human Framework	11. Special Project*
	5. Skin	12. Test
	6. Quiz 2: Human Framework	13. Alternate Test*
	7. Human Nervous System	14. Reference

Unit 9: The Human Anatomy (Part 2)		
General Science I	Assignments	
	1. The Respiratory System	8. The Excretory System
	2. Quiz 1: The Respiratory System	9. Quiz 4: The Excretory System
	3. The Circulatory System	10. The Endocrine System
	4. Experiment: Heart Rate	11. Quiz 5: The Endocrine System
	5. Quiz 2: The Circulatory System	12. Special Project*
	6. The Digestive System--Part 1	13. Test
	7. The Digestive System--Part 2	14. Alternate Test*
	8. Quiz 3: The Digestive System	16. Reference

Unit 10: Working In Science		
General Science I	Assignments	
	1. Scientists at Work	12. The Medical Scientist at Work
	2. Experiment: Red Celery	13. Nervous and Endocrine Systems
	3. Famous Scientists	14. Circulatory and Respiration Systems
	4. Quiz 1: Scientists at Work	15. Digestive and Excretory Systems
	5. The Astronomer at Work	16. Quiz 4: The Medical Scientist at Work and Body Systems
	6. Planets	17. Special Project*
	7. Quiz 2: The Astronomer at Work	18. Test
	8. The Meteorologist at Work	19. Alternate Test*
	9. Studying the Weather	20. Reference
	10. Studying Climates	
	11. Quiz 3: The Meteorologist at Work	

8th Grade

Bible 800

Bible 800 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on prayer, salvation, the attributes of God, the book of Proverbs, and interpersonal relationships. Special emphasis is given to a survey of Church history from the early Church through the Reformation. These areas target five content strands: theology, the attributes of God, biblical literature, Christian growth, and Church history (a special topic).

Objectives

- Understand the nature and use of prayer.
- Explain the relationship of sin and salvation in the Gospel message.
- Describe various attributes that belong to God.
- Identify key people, places, and events in Church history.
- Describe the deterioration of the Church in the Middle Ages.
- Pursue biblical truths in the development of relationships.
- Explain the relationship between parents and children.

Unit 1: Prayer	
Assignments	
Bible 800	1. Course Overview
	2. Christ's Model Prayer
	3. The Lord's Prayer: Invocation; First to Fourth Petitions
	4. The Lord's Prayer: Fifth Petition to Conclusion
	5. The Purpose of Christ's Model Prayer; Benefits of Prayer
	6. Quiz 1
	7. The Early History of Prayer
	8. A Prayerful Response: From Faith to Confession
	9. A Prayerful Response: From Adoration to Surrender
	10. The Request in Prayer
	11. Unanswered Requests; Effectiveness in Prayer
	12. Quiz 2
	13. Special Project*
	14. Test
	15. Alternate Test*
	16. Reference

Unit 2: Sin and Salvation	
Assignments	
Bible 800	1. The Nature of Sin
	2. The Universality of Sin
	3. Quiz 1
	4. The Nature of Salvation
	5. The Process of Salvation
	6. Quiz 2
	7. The Results of Salvation: Forgiveness
	8. The Results of Salvation: Growth in Grace
	9. Assurance of Salvation
	10. Quiz 3
	11. Special Project*
	12. Test
	13. Alternate Test*
	14. Reference

Unit 3: Attributes of God		
Bible 800	Assignments	
	1. Justice as God's Nature	9. Quiz 3
	2. Justice: An Expression of God	10. Love: A Godly Characteristic
	3. Quiz 1	11. Love: A Christian Virtue
	4. Immutability: Divine Perfection	12. Quiz 4
	5. Immutability: A Solid Foundation	13. Special Project*
	6. Quiz 2	14. Test
	7. God's Eternality	15. Alternate Test*
	8. God's Eternality in the Bible	16. Reference

Unit 4: Early Church Leaders		
Bible 800	Assignments	
	1. The Age of the Apostles	9. Men of the Reformation
	2. The Age of the Church Fathers	10. Places of the Reformation
	3. The Age of the Apologists	11. Quiz 3
	4. The Age of the Theologians	12. Special Project*
	5. Quiz 1	13. Test
	6. The Spread of the Roman Church	14. Alternate Test*
	7. Division and Renaissance	15. Reference
	8. Quiz 2	

Unit 5: Early Church History		
Bible 800	Assignments	
	1. The Roman Setting (1)	11. The Martyrdom of Stephen
	2. The Roman Setting (2)	12. The Period of Transition
	3. Jewish Background (1)	13. Two Important Conversions
	4. Jewish Background (2)	14. New Churches
	5. Report: Religious Leaders	15. Quiz 2
	6. Quiz 1	16. Memory Verse Quiz (Units 1-5)
	7. Christianity's Beginnings: Ministry of Jesus	17. Special Project*
	8. The Pentecost Experience	18. Test
	9. The Church at Jerusalem	19. Alternate Test*
	10. The Beginning of Opposition	20. Reference

Unit 6: The Early Churches		
Bible 800	Assignments	
	1. The Early Missionary Journeys	11. Persecuted Churches
	2. The First Missionary Journey	12. Apostate Churches
	3. Jerusalem Conference	13. Churches United in Christ
	4. The Second Missionary Journey	14. Report: The Early Church
	5. Quiz 1	15. Quiz 3
	6. The Third Missionary Journey	16. Special Project*
	7. Final Journey to Jerusalem	17. Test
	8. Quiz 2	18. Alternate Test*
	9. The Ephesian Church	19. Reference
	10. The Cretan Church	

Unit 7: The Book of Proverbs		
Bible 800	Assignments	
	1. The Literary Design of Proverbs	9. The Themes of Proverbs
	2. Parallelism in Proverbs	10. Repetitions in Proverbs
	3. The Outline of Proverbs	11. Studying Themes in Proverbs
	4. Purposes of Proverbs	12. Quiz 3
	5. Quiz 1	13. Special Project*
	6. The New Testament and Proverbs	14. Test
	7. Proverbs in Two Epistles	15. Alternate Test*
	8. Quiz 2	16. Reference
Unit 8: Choices		
Bible 800	Assignments	
	1. Personal Choices: Knowing What to Do	9. Finding God's Will
	2. Dealing with Guilt	10. Getting Things Done
	3. Knowing about Illegal Drugs	11. Quiz 3
	4. Quiz 1	12. Special Project*
	5. Developing Friendships	13. Test
	6. Studying Effectively	14. Alternate Test*
	7. Studying Honestly	15. Reference
	8. Quiz 2	
Unit 9: Understanding the Family		
Bible 800	Assignments	
	1. Understanding Parents	9. Quiz 2
	2. Human Parents	10. Your Parents' Life
	3. Some Biblical Parents	11. Your Parents' Role
	4. Your Heavenly Father	12. Quiz 3
	5. Quiz 1	13. Special Project*
	6. What Makes a Parent	14. Test
	7. What Your Parents Do for You	15. Alternate Test*
	8. What You Should Do for Your Parents	16. Reference
Unit 10: Review		
Bible 800	Assignments	
	1. Prayer	11. Understanding Proverbs
	2. Salvation	12. Making Good Choices
	3. Attributes of God	13. Understanding Parents
	4. Quiz 1	14. Quiz 3
	5. Early Church History	15. Memory Verse Quiz (Units 1-10)
	6. Early Church Experience	16. Special Project*
	7. Early Leaders of the Church	17. Test
	8. Leaders from Middle Ages to Reformation	18. Alternate Test*
	9. Report: Reformation Leader	19. Reference
	10. Quiz 2	

History and Geography 800

History and Geography 800 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on American History, covering the subject from early exploration through the present day, with special emphasis given to the Civil War and to inventions and technology of the 19th and early 20th centuries. These areas of focus target three major content strands: History, Geography, and Government and Citizenship.

Upon completion of the course, students should be able to do the following:

- Identify significant explorers, such as Christopher Columbus, Francisco Coronado, Sir Francis Drake, Ferdinand Magellan, Henry Hudson, Jacques Cartier, and Samuel de Champlain, noting their accomplishments.
- Understand how conflict between the American colonies and Great Britain led to American independence
- Understand political, economic, and social changes that occurred in the United States during the 19th century, including changes resulting from the Industrial Revolution, and explain how these changes led to:
 - movement into the western frontier, and
 - conflict among sections of the United States.
- Describe the causes and effects of the Civil War and its aftermath.
- Describe the causes and effects of both World Wars.
- Understand some of the key challenges facing American society in the late 20th and early 21st centuries.

Additionally, students will gain practice in report-writing, covering topics like the thirteen colonies, the U.S. Constitution, the Civil War, inventors, and more.

Unit 1: European Backgrounds	
Assignments	
1. Course Overview	10. The Dutch Claim New Land
2. Civilization Awakens from Darkness	11. French Trading Interests
3. Exploration Catches Fire	12. Report: New World Explorers
4. Quiz 1	13. Quiz 3
5. Spain Launches Forth	14. Special Project*
6. The East Meets the West	15. Test
7. Spain's Treasure Hunt	16. Alternate Test*
8. Quiz 2	17. Reference
9. Spain's Rivals: English and Dutch Efforts	

History and Geography 800	Unit 2: The Colonization of America	
	Assignments	
	1. Competition for Colonial Control	12. Development of Colonial Lifestyles
	2. New France's Southward Expansion	13. Life in a Puritan Community
	3. English Face Unknown Horizons	14. Middle Bread Colonies
	4. Dutch Trading Interests	15. Mid-Atlantic Lifestyles
	5. Quiz 1	16. Southern Plantations
	6. British Colonies: Jamestown	17. Plantation Living
	7. New England Colonies	18. Quiz 3
	8. Middle and Southern Colonies	19. Special Project*
	9. Colonial Governments	20. Test
	10. Report: Original Thirteen Colonies	21. Alternate Test*
	11. Quiz 2	22. Reference
History and Geography 800	Unit 3: War for Independence	
	Assignments	
	1. England's Colonial Politics	11. Progress of the War
	2. Discontent of the Indians	12. The Turning Point
	3. British Economy	13. Other Campaigns
	4. Acts of Dismay	14. Yorktown and the Treaty of Paris 1783
	5. Colonial Resistance	15. Report: Battle of Saratoga
	6. Quiz 1	16. Quiz 3
	7. Continental Congress	17. Special Project*
	8. Battles Which Led to War	18. Test
	9. Declaration of Independence	19. Alternate Test*
	10. Quiz 2	20. Reference
History and Geography 800	Unit 4: The Emergence of a Nation	
	Assignments	
	1. Thirteen Colonies Become a Free Nation	10. Quiz 2
	2. Report: Americans Working for Rights Today	11. The Growing Nation
	3. The Second Continental Congress	12. Formation of Political Parties
	4. Quiz 1	13. The Nation Suffers Growing Pains
	5. Establishing a Government	14. Americans Move Westward
	6. Report: The Articles of Confederation	15. Quiz 3
	7. The Constitutional Convention	16. Special Project H804D
	8. The United States Constitution	17. Test
	9. Report: Declaration of Independence and Constitution	18. Alternate Test
		19. Reference

Unit 5: The Westward Movement		
History and Geography 800	Assignments	
	1. Industrial Revolution in the North	12. Quiz 2
	2. Improved Transportation Systems	13. Development of Western Lands
	3. Erie Canal and Railroads	14. Texas Revolt
	4. Improved Communication Systems	15. The Oregon Question
	5. The Effect of the Industrial Revolution in the South	16. Mexican War
	6. Report: American Inventors	17. California Gold Rush
	7. Quiz 1	18. Quiz 3
	8. Development of Sectional Rivalries	19. Special Project
	9. Missouri Compromise and the Election of 1824	20. Test
	10. The Jacksonian Presidency	21. Alternate Test
	11. Jacksonian Policies	22. Reference
Unit 6: The Civil War		
History and Geography 800	Assignments	
	1. Causes of the Civil War	13. Report: Civil War Report
	2. The Institution of Slavery	14. Quiz 2
	3. Slavery Becomes an Issue	15. Reconstruction
	4. Continued Problems with Slavery	16. Johnson Versus Republican Radicals
	5. Events Leading to Secession and War	17. Radical Reconstruction
	6. Essay: Causes of the Civil War	18. Report: Reconstruction and Its Effects
	7. Quiz 1	19. Quiz 3
	8. Preparation for War: The First Battle	20. Special Project*
	9. War Develops in the West	21. Test
	10. Gettysburg and Vicksburg	22. Alternate Test*
	11. The Last Campaigns	23. Reference
	12. The Emancipation Proclamation	
Unit 7: The Industrial Nation		
History and Geography 800	Assignments	
	1. European Background of Industry	11. Quiz 2
	2. Beginnings of Industry in England	12. Influence of Industry: Growth of Corporations
	3. Industry in the Colonies	13. Labor Practices: The Advent of Unions
	4. Industry in the New Nation	14. Essay: Workers and Employers
	5. Quiz 1	15. Crisis of the Individual
	6. Early Industry in the United States	16. Report: Achievements of the Industrial Revolution
	7. War's Contribution to Industry	17. Quiz 3
	8. Later Industrial Achievements	18. Special Project*
	9. Further Achievements: Power, Transportation, and Communication	19. Test
	10. Report: Inventors and Inventions	20. Alternate Test*
		21. Reference

History and Geography 800

Unit 8: Twentieth Century World Power

Assignments

1. Overseas Expansion	11. Search for Peace
2. Spanish-American War	12. Regaining Normalcy
3. World Awareness	13. A Deceptive Prosperity
4. Panama Canal	14. Gradual Recovery
5. Quiz 1	15. Report: Presidents and World War I
6. Causes of the First World War	16. Quiz 3
7. Military Movements	17. Special Project*
8. War on the Continent	18. Test
9. Cost of Conflict	19. Alternate Test*
10. Quiz 2	20. Reference

History and Geography 800

Unit 9: The United States in a Changing World

Assignments

1. Between the Wars: New Threats Emerge	13. Reagan, Bush, and Clinton
2. World War II Begins	14. The United States in the Twenty-First Century
3. The United States Enters the War	15. Quiz 3
4. Allied Victory	16. Challenges Today: Technology
5. Quiz 1	17. Challenges Today: Society
6. Allied Military Occupation	18. Challenges Today: Religion
7. Cold War in Europe	19. Quiz 4
8. Hot War in Asia	20. Special Project*
9. Trouble Spots Around the World	21. Test
10. Quiz 2	22. Alternate Test*
11. Vietnam	23. Reference
12. Nixon, Ford, and Carter	

History and Geography 800

Unit 10: American History Review

Assignments

1. America's European Background	12. The United States as a World Power
2. American Colonization	13. World War I
3. American Revolution	14. Normalcy and Depression
4. Quiz 1	15. World War II
5. Establishment of Government	16. The United Nations and the Cold War
6. The Growth of the United States	17. Quiz 3
7. Development of Sectional Rivalries	18. Special Project*
8. Settlement of Western Lands	19. Test
9. Civil War and Reconstruction	20. Alternate Test*
10. Quiz 2	21. Reference
11. Vietnam	23. Reference

Language Arts 800

Language Arts 800 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students how to analyze propaganda and other forms of writing, including biographies, autobiographies, formal essays, and informal essays; shows students how to make denotative, symbolic, and connotative readings of a text; introduces both Old English and Middle English languages and literature to develop students' understanding of English language formation and development; prepares students for the higher level literary comprehension skills required in the upper grades.
- **Writing**—develops students' understanding of sentence structure, providing hands-on experience with conjunctions, transitions, clauses, and common sentence errors; teaches language histories and etymologies to help students build on knowledge of word structures, including topics like prefixes, roots, and suffixes; expands on students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing business letters, friendly letters, informal essays, and basic literature analyses.
- **Speaking**—offers students experience in delivering oral reports; teaches skills that enable students to become effective speakers and communicators, weaving these skills together throughout the course.
- **Listening**—teaches effective listening comprehension skills, weaving these together throughout the lessons; builds upon students' study skills, as well as helping them become reliable and efficient note takers.

Curriculum Contents

Reading Comprehension Skills

- Analysis of Propaganda
- Denotation, Connotation, and Symbolism
- Elements of Narrative Prose
- Following Written Directions
- Reading Formal and Informal Essays
- Reading Skills—Fact versus Opinion, Validity, and Authority

Composition

- Essay/Report—Structure and Process
- Paragraph Elements and Structure
- Writing Informal Essays
- Writing Paragraphs
- Writing Business and Friendly Letters

Grammar and Usage

- Conjunctions—Subordinating, Correlative, and Coordinating
- Clauses—Adjective, Adverb, and Dependent/Independent
- Capitalization
- Grammar Errors—Sentence Construction Errors
- Introductory Expressions—Interjections, Participle Phrases, and Adverb Clauses
- Levels of Language Use—Standard/Nonstandard
- Parts of Speech—Nouns, Verbs, Pronouns, Adverbs, Adjectives, and Interjections
- Punctuation—Apostrophes, Hyphens, Italics, Commas, and End Punctuation
- Sentence Structure—Tense, Number, Person, and Transitions

Literature Studies

- Nonfiction—Biography and Autobiography
- Survey of English Literature—Old and Middle English
- Speaking and Listening
- Direct/Indirect Communication

- Following Instructions
- Listening Skills—Strategies, Comprehension, and Note-Taking
- Nonverbal Communication
- Oral Report
- Speaking Skills—Purpose, Organization, and Delivery

Spelling

- Affixes
- Homonyms
- Borrowed Words
- Confused Spellings
- Silent Letters
- Words with “ei” and “ie”
- Words with “-ize,” “-yze,” “-ise,” “-ent,” “-ant,” “-ance,” “-ence,” “-able,” and “-ible” Endings

Vocabulary Building

- Confusing Words
- Connotation/Denotation
- Dictionary Skills
- Etymology
- Roots, Prefixes, and Suffixes
- Word Categorization
- Word Relationships

Special Topics

- Diacritical Marks
- English Variations
- Etymology
- Media Comprehension
- Note-taking
- Origin/Development of Language—Indo-European, Old and Middle English, and American English
- Use of Reference Materials

Literature List

The literary works students will encounter in Language Arts 800 include, but are not limited to:

Literature—Featured

Nonfiction

- Byrd, Richard. *Flight to the South Pole* (excerpt)
- Hackle, Sparse Gray. “Every Dog Should Own a Man”
- Leacock, Stephen. “My Financial Career”
- “Pain: the Tool of the Wounded Surgeon”
- Stuart, Jesse. *The Thread That Runs So True* (excerpt)

Literature—Discussed

Poetry

- Chaucer, Geoffrey. *Canterbury Tales*
- “The Ruin”
- “The Seafarer”
- “Widsith”

Unit 1: Communication		
Language Arts 800	Assignments	
	1. Course Overview	15. Suffixes Change the Spelling of Roots
	2. Documentation	16. Spelling Lesson 2: General
	3. Improving Your Reading: Using Word Parts	17. Quiz 2: Cumulative
	4. Inflections Add Grammatical Meaning	18. Spelling Quiz 2
	5. Word Roots from Latin and Greek	19. Communication Without Words
	6. Categorizing Words and Analogies	20. Direct Nonverbal Communication
	7. Book Report: Pre-1900 Novel*	21. Spelling Lesson 3: Affixes
	8. Spelling Lesson 1: Using ie and ei	22. Quiz 3: Communicating Without Words
	9. Quiz 1: Word Parts/Categories/Analogies	23. Spelling Quiz 3
	10. Spelling Quiz 1	24. Unit 1 Special Project*
	11. Following Directions	25. Test
	12. Project: Directions*	26. Alternate Test*
	13. Project: Writing Directions from a Prompt*	27. Reference
	14. Essay: Write a Technical Document Giving Directions	
Unit 2: Development and Usage of English		
Language Arts 800	Assignments	
	1. Development of Language: Origins and Dialects	14. Quiz 2: Classification of Words
	2. The Indo-European Family	15. Spelling Quiz 2
	3. Spelling Lesson 1: General/Content Area	16. Adjectives and Adjective Phrases
	4. Quiz 1: History of the English Language	17. Adverbs and Adverb Phrases
	5. Spelling Quiz 1	18. Book Report: Short Story*
	6. Word Classes--Nouns	19. Spelling Lesson 3: Adjectives and Adverbs
	7. Personal and Possessive Pronouns	20. Quiz 3: Cumulative
	8. Other Kinds of Pronouns	21. Spelling Quiz 3
	9. Verbs	22. Unit 2 Special Project*
	10. Adjectives and Adverbs	23. Test
	11. Project: Descriptive Paragraph	24. Alternate Test*
	12. Essay: Writing About an Event	25. Reference
	13. Spelling Lesson 2: General	

Unit 4: Words and How to Use Them	
Assignments	
1. Spelling Lesson 1: Develop Spelling Sense	10. Confusing Words
2. Spelling Quiz 1	11. Quiz 2: Using Words Correctly
3. Using the Dictionary	12. Spelling Lesson 3: General
4. Diacritical Marks	13. Spelling Quiz 3
5. Using a Thesaurus	14. Project: Book Report: Post-1900 Novel*
6. Quiz 1: Understanding Words (Dictionary and Thesaurus Skills)	15. Unit 4 Special Project*
7. Spelling Lesson 2: General and Homonyms	16. Test
8. Spelling Quiz 2	17. Alternate Test*
9. Standard and Nonstandard Usage	18. Reference

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Unit 6: Language and Literature	
Assignments	
1. The Old English Period	14. Quiz 2: The Construction of Sentences
2. The Old English Language and Literature	15. Spelling Quiz 2
3. Report: Anglo-Saxon Culture/Literature	16. The Elements of Autobiography
4. Middle English	17. Autobiographical Excerpt: Jesse Stuart
5. Report: Geoffrey Chaucer	18. Autobiographical Excerpt: Admiral Byrd
6. Spelling Lesson 1: -ance, -ence, -ense	19. Essay: Autobiography
7. Quiz 1: The History of the English Language	20. Spelling Lesson 3: Vocabulary Words
8. Spelling Quiz 1	21. Quiz 3: Cumulative
9. Coordinating Conjunctions	22. Spelling Quiz 3
10. Correlative Conjunctions/Conjunctive Adverbs	23. Project: Book Report: Biography*
11. Subordinating Conjunctions/Adverb Clauses	24. Unit 6 Special Project*
12. Relative Pronouns/Adjective Clauses; Phrases and Appositives	25. Test
13. Spelling Lesson 2: Mispronounced Words	26. Alternate Test*
	27. Reference

Unit 7: Critical Reading and Paragraph Skills		
Assignments		
1. Critical Reading: Symbolism/Connotation	15. Spelling Quiz 2	
2. Critical Reading: Context/Directive Language	16. Writing a Composition: The Introduction	
3. Analyzing an Author's Credentials/Argument	17. Essay: Thesis Statement*	
4. Propaganda	18. Writing a Composition: The Body	
5. Spelling Lesson 1: Silent Letters	19. Writing a Composition: The Conclusion	
6. Quiz 1: Critical Reading	20. Writing a Composition: Proofreading	
7. Spelling Quiz 1	21. Essay: Analyzing an Argument	
8. Paragraph Structure	22. Spelling Lesson 3: Unaccented Syllables	
9. Essay: Paragraph Types	23. Quiz 3: Cumulative	
10. Organizing a Unified Paragraph	24. Spelling Quiz 3	
11. Paragraph Coherence/Transition Methods	25. Unit 7 Special Project*	
12. Essay: Paragraph Development	26. Test	
13. Spelling Lesson 2: Silent Letters	27. Alternate Test*	
14. Quiz 2: The Paragraph	28. Reference	

Unit 8: Writing, Listening, and Reading		
Language Arts 800	Assignments	
	1. Writing Business Letters	18. Quiz 2: Listening Skills/Nonverbal Communication
	2. Three Types of Business Letters	19. Spelling Quiz 2
	3. Project: Business Letters	20. Distinguishing Between Fiction and Nonfiction
	4. Structure and Form of Personal Letters	21. Evaluating the Reliability of Information
	5. Three Types of Personal Letters	22. Report: Assessing Reliability
	6. Project: Personal Letters	23. Sources of Information
	7. Spelling Lesson 1: General	24. Reading the Newspaper
	8. Quiz 1: Writing Letters	25. News Magazines/Other Nonfiction Resources
	9. Spelling Quiz 1	26. Project: Newspaper Analysis
	10. Sound and Listening	27. Spelling Lesson 3: General
	11. Listening for Literal Meaning	28. Quiz 3: Cumulative
	12. Listening for Implied and Figurative Meaning	29. Spelling Quiz 3
	13. Project: Figures of Speech	30. Unit 8 Special Project*
	14. Identifying Nonverbal Clues	31. Test
	15. Being a Good Listener	32. Alternate Test*
	16. Project: Listening Skills	33. Reference
	17. Spelling Lesson 2: General and Content Words	

Unit 9: The English Language		
Language Arts 800	Assignments	
	1. English is a Living Language	14. Spelling Quiz 2
	2. Etymology of English Words	15. Organizing an Oral Report
	3. English in the United States	16. Developing an Oral Report
	4. Project: Slang	17. Using Language Appropriately
	5. Spelling Lesson 1: General	18. Effective Speaking Techniques
	6. Quiz 1: The Changing Language	19. Project: Oral Report
	7. Spelling Quiz 1	20. Spelling Lesson 3: Frequently Misspelled Words
	8. Double Negatives	21. Quiz 3: Cumulative
	9. Dangling Modifiers	22. Spelling Quiz 3
	10. Shift in Person and Number	23. Unit 9 Special Project*
	11. Shift in Mood and Tense; S/V Agreement	24. Test
	12. Spelling Lesson 2: General	25. Alternate Test*
	13. Quiz 2: Grammar and History of English	26. Reference

Unit 10: Review	
Assignments	
1. History of Language	19. Review Quiz 2: Communication
2. Grammar: Parts of Speech	20. Review Spelling Lesson 3 and 4
3. Punctuation and Capitalization	21. Spelling Quiz 2
4. Abbreviations, Apostrophes, and Hyphens	22. Reading: Word Parts
5. Dictionary and Thesaurus	23. Reading: Context Clues and Sequence
6. Standard English Usage	24. Reading: Fact and Opinion, News Articles
7. Common Sentence Errors	25. Reading: Essays and Autobiographies
8. Paragraphs	26. Project: Analyze a Formal Essay
9. Letters	27. Report: Autobiography
10. Compositions	28. Review Quiz 3: Reading
11. Essay: What Makes a Good Christian?	29. Review Spelling Lesson 5 and 6
12. Review Quiz 1: Language	30. Essay: Short Story
13. Review Spelling Lesson 1 and 2	31. Spelling Quiz 3
14. Spelling Quiz 1	32. Unit 10 Special Project*
15. Communication: Unspoken Factors	33. Test
16. Communication: Spoken Factors	34. Alternate Test*
17. Project: Interview a Friend	35. Reference
18. Following Directions and Listening	

Mathematics 800

Mathematics 800 is an introductory algebra course designed to prepare junior-high school students for Algebra I. The course focuses on strengthening needed skills in problem solving, integers, equations, and graphing. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

- **The Real Number System:** Student will explore different properties of numbers, and how to use them to simplify expressions and formulas to make computations easier.
- **Modeling Problems in Integers:** Student will translate and solve one-step equations, or two-step equations in context, and check solutions for reasonableness, using the order of operations, and by substituting values for variables.
- **Modeling Problems with Rational Numbers:** Student will add, subtract, multiply, and divide decimals, fractions, and mixed numbers with variables, like, and unlike denominators to solve one and two-step word problems.
- **Proportional Reasoning:** Student will convert between fractions, decimals, and percents, and compare them, and identify similar and congruent figures and their corresponding parts, and solve for missing measures.
- **More with Functions:** Student will identify the parts of a line or quadratic equation and be able to graph it, and explore arithmetic and geometric sequences, as well as exponential growth and decay.
- **Measurement:** Student will explore relationships between sets of lines and the angles they create, understand and use the Pythagorean theorem, and identify characteristics of polygons.
- **Plane Geometry:** Student will determine how to calculate areas of common polygons, identify different transformations and how to determine the type and original image location.
- **Measures of Solid Figures:** Student will calculate surface area and volume of different objects, and solve for missing measures of 3 dimensional figures when given surface area or volume, and explain the relationship between surface area and volume.
- **Data Analysis:** Student will identify the mean, median, mode, range, lower quartile, and upper quartile of different data sets and construct the best display of the information.
- **Probability:** Student will identify all the possible outcomes of a given situation using combinations, permutations, and probability, and determine if events are dependent or independent.

Unit 1: The Real Number System	
Assignments	
1. Course Overview	14. Alternate Quiz 2 - Form B: Other Forms*
2. Subsets of the Real Number System	15. Square Roots
3. Using Variables	16. Order of Operations
4. The Number Line	17. Quiz 3: Simplifying
5. Comparing Rational Numbers	18. Alternate Quiz 3 - Form A: Simplifying*
6. Quiz 1: Relationships	19. Alternate Quiz 3 - Form B: Simplifying*
7. Alternate Quiz 1 - Form A: Relationships*	20. Special Project*
8. Alternate Quiz 1 - Form B: Relationships*	21. Review
9. Properties of the Real Numbers	22. Test
10. Exponents	23. Alternate Test - Form A*
11. Scientific Notation	24. Alternate Test - Form B*
12. Quiz 2: Other Forms	25. Glossary and Credits
13. Alternate Quiz 2 - Form A: Other Forms*	

Unit 2: Modeling Problems in Integers	
Assignments	
1. Translating Expressions and Equations	16. Evaluating Expressions
2. Solving One-Step Equations	17. Quiz 3: Integers

Mathematics 800	3. Solving Two-Step Equations	18. Alternate Quiz 3 - Form A: Integers*
	4. Quiz 1: Equations with Real Numbers	19. Alternate Quiz 3 - Form B: Integers*
	5. Alternate Quiz 1 - Form A: Equations with Real Numbers*	20. Graphing
	6. Alternate Quiz 1 - Form B: Equations with Real Numbers*	21. One-Step Equations
	7. Relations and Functions	22. Two-Step Equations
	8. Functions	23. Problem Solving
	9. Analyzing Graphs	24. Quiz 4: Modeling with Integers
	10. Quiz 2: Functions	25. Alternate Quiz 4 - Form A: Modeling with Integers*
	11. Alternate Quiz 2 - Form A: Functions*	26. Alternate Quiz 4 - Form B: Modeling with Integers*
	12. Alternate Quiz 2 - Form B: Functions*	27. Special Project*
	13. Addition of Integers	28. Review
	14. Subtraction of Integers	29. Test
	15. Multiplying and Dividing Integers	30. Alternate Test - Form A*
		31. Alternate Test - Form B*
		32. Glossary and Credits

Unit 3: Modeling Problems with Rational Numbers

Assignments

Mathematics 800	1. Prime Factorization and the GCF	15. One-Step Addition and Subtraction Equations
	2. Simplifying Fractions	16. One-Step Multiplication and Division Equations
	3. The LCM and the LCD	17. Two-Step Equations
	4. Quiz 1: Number Theory	18. One-Step Inequalities
	5. Alternate Quiz 1 - Form A: Number Theory*	19. Two-Step Inequalities
	6. Alternate Quiz 1 - Form B: Number Theory*	20. Quiz 3: Solving Equations and Inequalities
	7. Adding and Subtracting Like Fractions	21. Alternate Quiz 3 - Form A: Solving Equations and Inequalities*
	8. Adding and Subtracting Unlike Fractions	22. Alternate Quiz 3 - Form B: Solving Equations and Inequalities*
	9. Adding and Subtracting Decimal Numbers	23. Special Project*
	10. Multiplying and Dividing Fractions	24. Review
	11. Multiplying and Dividing Decimal Numbers	25. Test
	12. Quiz 2: Solving Problems with Rational Numbers	26. Alternate Test - Form A*
	13. Alternate Quiz 2 - Form A: Solving Problems with Rational Numbers*	27. Alternate Test - Form B*
	14. Alternate Quiz 2 - Form B: Solving Problems with Rational Numbers*	28. Glossary and Credits

Unit 4: Proportional Reasoning		
Mathematics 800	Assignments	
	1. Proportions	17. Indirect Measure
	2. Applications	18. Models and Scales
	3. Direct Variation	19. Quiz 3: Measurement/Similar Figures
	4. Quiz 1: Proportions	20. Alternate Quiz 3 - Form A: Measurement/Similar Figures*
	5. Alternate Quiz 1 - Form A: Proportions*	21. Alternate Quiz 3 - Form B: Measurement/Similar Figures*
	6. Alternate Quiz 1 - Form B: Proportions*	22. Project: Proportional Reasoning
	7. Fraction, Percent and Decimal Equivalents	23. Alternate Project: Proportional Reasoning*
	8. Solving Percent Problems	24. Special Project*
	9. Applications	25. Review
	10. More Applications	26. Test
	11. Quiz 2: Percents	27. Alternate Test - Form A*
	12. Alternate Quiz 2 - Form A: Percents*	28. Alternate Test - Form B*
	13. Alternate Quiz 2 - Form B: Percents*	29. Glossary and Credits
	14. Unit Conversion within Customary Units	
	15. Unit Conversion within Metric Units	
	16. Corresponding Parts	
Unit 5: More with Functions		
Mathematics 800	Assignments	
	1. Rewriting Equations	16. Alternate Quiz 2 - Form B: Families of Functions*
	2. Combine Like Terms	17. Patterns and Arithmetic Sequences
	3. Solving Equations by Combining Like Terms	18. Geometric Sequences
	4. Distributive Property	19. Exponential Sequences
	5. Solving Equations with Distributive Property	20. Recursive Sequences
	6. Quiz 1: Solving Equations	21. Quiz 3: Patterns
	7. Alternate Quiz 1 - Form A: Solving Equations*	22. Alternate Quiz 3 - Form A: Patterns*
	8. Alternate Quiz 1 - Form B: Solving Equations*	23. Alternate Quiz 3 - Form B: Patterns*
	9. Slope	24. Special Project*
	10. Using Intercepts	25. Review
	11. Slope-Intercept Form	26. Test
	12. More Slope-Intercept Form	27. Alternate Test - Form A*
	13. Non-Linear Functions	28. Alternate Test - Form B*
	14. Quiz 2: Families of Functions	29. Glossary and Credits
	15. Alternate Quiz 2 - Form A: Families of Functions*	

Unit 6: Measurement		
Mathematics 800	Assignments	
	1. Classify and Measure Angles	12. Quiz 2: Polygons
	2. Perpendicular and Parallel Lines, Part 1	13. Alternate Quiz 2 - Form A: Polygons*
	3. Perpendicular and Parallel Lines, Part 2	14. Alternate Quiz 2 - Form B: Polygons*
	4. Circles	15. Pythagorean Theorem, Part 1
	5. Quiz 1: Angle Measures and Circles	16. Pythagorean Theorem, Part 2
	6. Alternate Quiz 1 - Form A: Angle Measures and Circles*	17. Quiz 3: Indirect Measure
	7. Alternate Quiz 1 - Form B: Angle Measures and Circles*	18. Alternate Quiz 3 - Form A: Indirect Measure*
	8. Classifying Polygons	19. Alternate Quiz 3 - Form B: Indirect Measure*
	9. Interior and Exterior Measures of Polygons	20. Special Project*
	10. Classifying Triangles and the Triangle Inequality Theorem	21. Review
	11. The Quadrilateral Family	22. Test
		23. Alternate Test - Form A*
		24. Alternate Test - Form B*
		25. Glossary and Credits

Unit 7: Plane Geometry		
Mathematics 800	Assignments	
	1. Perimeter and Circumference	15. Alternate Quiz 2 - Form B: Symmetry and Reflections*
	2. Area of Parallelograms	16. Translations
	3. Area of Triangles and Trapezoids	17. Tessellations
	4. Area of Circles	18. Rotations
	5. Composite Figures	19. Dilations
	6. Effects of Dimensional Changes	20. Quiz 3: Other Transformations
	7. Quiz 1: Perimeter and Area	21. Alternate Quiz 3 - Form A: Other Transformations*
	8. Alternate Quiz 1 - Form A: Perimeter and Area*	22. Alternate Quiz 3 - Form B: Other Transformations*
	9. Alternate Quiz 1 - Form B: Perimeter and Area*	23. Special Project*
	10. Symmetry	24. Review
	11. Distance and Midpoint	25. Test
	12. Reflections	26. Alternate Test - Form A*
	13. Quiz 2: Symmetry and Reflections	27. Alternate Test - Form B*
	14. Alternate Quiz 2 - Form A: Symmetry and Reflections*	28. Glossary and Credits

Unit 8: Measures of Solid Figures		
Mathematics 800	Assignments	
	1. Solid Figures	15. Volume of Cones
	2. Euler's Formula	16. Volume of Spheres
	3. Surface Area of Rectangular Prisms	17. Changes to Volume
	4. Surface Area of Triangular Prisms	18. Volume of Composite Figures
	5. Surface Area of Cylinders	19. Quiz 2: Volume
	6. Surface Area of Pyramids, Cones, and Spheres	20. Alternate Quiz 2 - Form A: Volume*
	7. Surface Area of Composite Figures	21. Alternate Quiz 2 - Form B: Volume*
	8. Quiz 1: Surface Area	22. Special Project*
	9. Alternate Quiz 1 - Form A: Surface Area*	23. Review
	10. Alternate Quiz 1 - Form B: Surface Area*	24. Test
	11. Volume of Rectangular Prisms	25. Alternate Test - Form A*
	12. Volume of Triangular Prisms	26. Alternate Test - Form B*
	13. Volume of Square Pyramids	27. Glossary and Credits
	14. Volume of Cylinders	28.
Unit 9: Data Analysis		
Mathematics 800	Assignments	
	1. Collecting Data	12. Scatter Plots
	2. Measures of Central Tendency and Dispersion	13. Misleading Graphs
	3. Bar Graphs	14. Appropriate Displays
	4. Circle Graphs	15. Quiz 2: More Data Displays
	5. Line Graphs	16. Alternate Quiz 2 - Form A: More Data Displays*
	6. Frequency and Histograms	17. Alternate Quiz 2 - Form B: More Data Displays*
	7. Quiz 1: Collecting and Representing Data	18. Special Project*
	8. Alternate Quiz 1 - Form A: Collecting and Representing Data*	19. Review
	9. Alternate Quiz 1 - Form B: Collecting and Representing Data*	20. Test
	10. Constructing Box-and-Whisker Plots	21. Alternate Test - Form A*
	11. Interpreting Box-and-Whisker Plots	22. Alternate Test - Form B*
		23. Glossary and Credits

Unit 10: Probability	
Assignments	
Mathematics 800	1. Tree Diagrams and the Counting Principle
	2. Permutations
	3. Combinations
	4. Mixed Review of Outcomes
	5. Quiz 1: Outcomes
	6. Alternate Quiz 1 - Form A: Outcomes*
	7. Alternate Quiz 1 - Form B: Outcomes*
	8. Probability and Odds
	9. Experimental vs Theoretical Probability
	10. Disjointed and Overlapping Events
	11. Independent and Dependent Events
	12. Quiz 2: Probability
	13. Alternate Quiz 2 - Form A: Probability*
	14. Alternate Quiz 2 - Form B: Probability*
	15. Simulate a Problem
	16. Quest: All That's Fair In...*
	17. Special Project*
	18. Review
	19. Test
	20. Alternate Test - Form A*
	21. Alternate Test - Form B*
	22. Glossary and Credits

Unit 11: Course Review and Exam	
Assignments	
Mathematics 800	1. Review I
	2. Review II
	3. Exam
	4. Alternate Exam - Form A*
	5. Alternate Exam - Form B*

General Science II

General Science II is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 600 and General Science I courses, providing a set of basic scientific skills and a broad survey of the major areas of science. Some of the areas covered in General Science II include the history of science, structure and properties of matter, health and nutrition, types of energy, electricity and magnetism, work, energy, forces, simple machines, balance in nature, natural cycles and resources.

The course seeks to develop the student's ability to be aware of and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students' natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should show understanding of interrelationships between organisms and the environment, recognize patterns in systems, and expand their knowledge of cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Define science and describe its history.
- Demonstrate a knowledge of the different changes in matter.
- Describe elements and compounds in the terms of atoms and molecules.
- Know how to develop good health habits.
- Explain and give examples of the different types of energy.
- Describe different types of simple machines.
- Discuss the balance in nature regarding the different cycles.

Unit 1: Science and Society	
General Science II	Assignments
	1. Course Overview
	2. Science Today
	3. Post-Renaissance Science
	4. Essay: Mendel
	5. Quiz 1
	6. Today's Scientist
	7. Quiz 2
	8. Science and Technology
	9. Essay: Da Vinci*
	10. Limitations
	11. Quiz 3
	12. Special Project*
	13. Test
	14. Alternate Test*
	15. Reference

Unit 2: Structure of Matter (Part 1)	
General Science II	Assignments
	1. Properties of Matter (1)
	2. Experiment: Determining Volume
	3. Experiment: Metric Measurements*
	4. Properties of Matter (2)
	5. Quiz 1
	6. Atoms and Molecules
	7. Molecules
	8. Quiz 2
	9. Elements
	10. Compounds
	11. Mixtures
	12. Experiment: Mixtures
	13. Quiz 3
	14. Special Project*
	15. Test
	16. Alternate Test*
	17. Reference

Unit 3: Structure of Matter (Part 2)		
General Science II	Assignments	
	1. Matter and Change	10. Bases
	2. Experiment: Phase Changes	11. Experiment: Cabbage
	3. Solutions	12. Quiz 3
	4. Chemical Changes	13. Salts
	5. Experiment: Forms of Change	14. Quiz 4
	6. Nuclear Changes	15. Special Project*
	7. Quiz 1	16. Test
	8. Acids	17. Alternate Test*
	9. Quiz 2	18. Reference
Unit 4: Health and Nutrition		
General Science II	Assignments	
	1. Foods and Digestion	8. Quiz 3
	2. Quiz 1	9. Hygiene
	3. Diet	10. Quiz 4
	4. Experiment: Food Record	11. Special Project*
	5. Quiz 2	12. Test
	6. Nutritional Diseases	13. Alternate Test*
	7. Essay: Nutrition	14. Reference
Unit 5: Energy (Part 1)		
General Science II	Assignments	
	1. Mechanical Energy	8. Energy Conversion and Entropy
	2. Potential Energy	9. Essay: Entropy*
	3. Quiz 1	10. Quiz 3
	4. Other Forms of Energy	11. Special Project*
	5. Chemical Energy	12. Test
	6. Atomic Energy	13. Alternate Test*
	7. Quiz 2	14. Reference
Unit 6: Energy (Part 2)		
General Science II	Assignments	
	1. Magnetism	8. Energy for the Future
	2. Experiment: Magnetism	9. Experiment: Hot Dog Cooker*
	3. Electricity and Magnetism	10. Quiz 3
	4. Quiz 1	11. Special Project*
	5. Electricity	12. Test
	6. Electrical Circuits	13. Alternate Test*
	7. Quiz 2	14. Reference

Unit 7: Machines (Part 1)		
General Science II	Assignments	
	1. Distance	8. Work
	2. Essay: Scientists	9. Work and Energy
	3. Measuring Distance	10. Quiz 3
	4. Quiz 1	11. Special Project*
	5. Force	12. Test
	6. Force Vectors	13. Alternate Test*
	7. Quiz 2	14. Reference

Unit 8: Machines (Part 2)		
General Science II	Assignments	
	1. Friction	9. Quiz 3
	2. Types of Friction	10. Inclined Plane, Wedge, and Screw
	3. Experiment: Friction Investigation	11. Quiz 4
	4. Quiz 1	12. Special Project*
	5. Levers	13. Test
	6. Quiz 2	14. Alternate Test*
	7. Wheel and Axle, Pulleys, and Gears	15. Reference
	8. Experiment: Pencil Sharpener	

Unit 9: Balance in Nature		
General Science II	Assignments	
	1. Photosynthesis and Food	8. Resources
	2. Food	9. Quiz 3
	3. Quiz 1	10. Special Project*
	4. Natural Cycles	11. Test
	5. The Water Cycle	12. Alternate Test*
	6. Quiz 2	13. Reference
	7. Balance and Disruption	

Unit 10: Science and Technology		
General Science II	Assignments	
	1. Basic Science	10. Life Science
	2. Characteristics of Matter	11. Quiz 3
	3. Matter in Change	12. Vocations in Science and Technology
	4. Quiz 1	13. Quiz 4
	5. Energy	14. Special Project*
	6. Chemical and Atomic Energy	15. Test
	7. Magnetism and Electricity	16. Alternate Test*
	8. Machines at Work	17. Reference
	9. Quiz 2	

9th Grade

New Testament Survey

New Testament Survey provides a developmental and in-depth academic study of the teachings of the New Testament from the Intertestamental period (prior to the birth of Christ) to the book of Revelation. The survey emphasizes the most important people, places, and events in the development and expansion of the Church. The course also includes material on Christian suffering, witnessing, and the will of God. New Testament Survey targets four major strands: theology, biblical literature, biblical background, and Christian growth.

Upon completion of the course, students should be able to do the following:

- Understand the background of the New Testament.
- Identify key people, places, and events in the New Testament.
- Provide the setting and purpose for each New Testament book.
- Understand the importance of the Church.
- Identify the various apostles and their particular ministries.
- Understand the biblical approach to suffering.
- Tell others about the Gospel with more knowledge and confidence.

Unit 1: Introduction to the New Testament		
New Testament Survey	Assignments	
	1. Course Overview	14. Temptation to Popular Ministry
	2. Inter-Testamental Period	15. Ministry of Opposition to Final Ministry
	3. Various Empires and Periods	16. Arrest to Ascension
	4. Religious Literature	17. Events in the Early Church
	5. Religious Parties: Scribes and Sadducees	18. Foreign Missions
	6. Religious Parties: Pharisees	19. Events in Revelation
	7. Quiz 1: Inter-Testamental Period	20. Quiz 3: New Testament Chronology
	8. Historical Books	21. Special Project*
	9. Instructive Books: Pauline Epistles	22. Test: Introduction to the New Testament
	10. Instructive Books: General Epistles	23. Alternate Test: Introduction to the New Testament*
	11. The Prophetical Book	24. Reference
	12. Quiz 2: New Testament Books	
	13. Birth to Baptism	
Unit 2: The Gospels		
New Testament Survey	Assignments	
	1. Matthew: The Writer	10. Luke: Background and Analysis
	2. Matthew: Background and Analysis	11. Quiz 3: Luke
	3. Report: Matthew	12. John: The Writer
	4. Report: Prophet, Priest, and King*	13. John: Background and Analysis
	5. Quiz 1: Matthew	14. Quiz 4: John
	6. Mark: The Writer	15. Special Project*
	7. Mark: Background and Analysis	16. Test: The Gospels
	8. Quiz 2: Mark	17. Alternate Test: The Gospels*
	9. Luke: The Writer	18. Reference

New Testament Survey	Unit 3: The Acts of the Apostles	
	Assignments	
	1. The Writer	10. Content: Pentecost
	2. Viewpoint	11. Content: Home Missions
	3. Quiz 1: Writer	12. Content: Foreign Missions
	4. Particular Purpose	13. Quiz 3: Content
	5. Historical Purpose: Jesus	14. Special Project*
	6. Holy Spirit and the Apostles	15. Test: The Acts of the Apostles
	7. Comprehensive Purpose	16. Alternate Test: The Acts of the Apostles*
	8. Essay: The Great Commission	17. Reference
	9. Quiz 2: Purpose	

Unit 4: The Pauline Epistles		
Assignments		
1.	Paul: Background	11. Report: Obeying Parents*
2.	Paul: The Apostle	12. Quiz 3: Prison Epistles
3.	Paul: The Writer	13. Later Epistles: 1 Timothy and Titus
4.	Report: Education and Ministry	14. Later Epistles: 2 Timothy
5.	Quiz 1: Personal Profile	15. Quiz 4: Later Epistles
6.	Early Epistles: Thessalonians and Corinthians	16. Special Project*
7.	Early Epistles: Romans and Galatians	17. Test: The Pauline Epistles
8.	Quiz 2: Early Epistles	18. Alternate Test: The Pauline Epistles*
9.	Prison Epistles: Ephesians and Philippians	19. Reference
10.	Prison Epistles: Colossians and Philemon	

Unit 5: The General Epistles	
Assignments	
1. James: Background	12. 1, 2, and 3 John: The Apostle and Writer
2. James: The Disciple	13. 1, 2, and 3 John: The Message
3. James: The Writer and Message	14. Quiz 3: 1, 2, and 3 John
4. Essay: James*	15. Hebrews
5. Quiz 1: James	16. Jude
6. 1 and 2 Peter: Background	17. Quiz 4: Hebrews and Jude
7. 1 and 2 Peter: The Apostle and Writer	18. Memory Verse Quiz
8. 1 and 2 Peter: The Message	19. Special Project*
9. Essay: Peter	20. Test: The General Epistles
10. Quiz 2: 1 and 2 Peter	21. Alternate Test: The General Epistles*
11. 1, 2, and 3 John: Background	22. Reference

Unit 6: The Revelation of Jesus Christ		
New Testament Survey	Assignments	
	1. The Seven Churches: Ephesus and Smyrna	9. The Seven Signs: Signs 4-7 and the Seven Plagues
	2. The Seven Churches: Pergamos, Thyatira, and Sardis	10. Quiz 2: Victorious Christ and His Enemy
	3. The Seven Churches: Philadelphia and Laodicea	11. The Seven Judgments
	4. The Seven Seals: Seals 1-4	12. The Seven Wonders
	5. The Seven Seals: Seals 5-7	13. Quiz 3: Triumphant Christ and His Bride
	6. Quiz 1: Glorious Christ and His People	14. Special Project*
	7. The Seven Trumpets	15. Test: The Revelation of Jesus Christ
	8. The Seven Signs: Signs 1-3	16. Alternate Test: The Revelation of Jesus Christ*
		17. Reference
Unit 7: Biblical Literature: Job and Suffering		
New Testament Survey	Assignments	
	1. Job: Opening Scenes	10. The Sufferings of Christ: Death and Resurrection
	2. Job: Great Debate	11. The Sufferings of Christ: Intercession and Consolation
	3. Job: Closing Scenes	12. Essay: Suffering
	4. Essay: When a Friend is Suffering	13. Quiz 3: The Sufferings of Christ
	5. Quiz 1: The Book of Job (bibntsu071q.xml)	14. Special Project*
	6. Understanding Suffering	15. Test: Job and Suffering
	7. Perspectives on Suffering	16. Alternate Test: Job and Suffering*
	8. Quiz 2: Attitudes Toward Suffering	17. Reference
	9. The Sufferings of Christ: Life and Ministry	
Unit 8: How to Share Christ With Your Friends		
New Testament Survey	Assignments	
	1. Personal Evangelism	10. Approaches to Outreach: Missions at Home and Abroad
	2. Evangelism and the Holy Spirit	11. Quiz 3: Travel Projects
	3. Evangelism and Discipleship	12. Special Project*
	4. Essay: Witnessing	13. Test: How to Share Christ With Your Friends
	5. Quiz 1: Personal Evangelism	14. Alternate Test: How to Share Christ With Your Friends*
	6. Approaches to Outreach: Bible Studies	15. Reference
	7. Approaches to Outreach: Activities	
	8. Quiz 2: Outreach	
	9. Approaches to Outreach: Family Projects	
Unit 9: God's Will for Your Life		
New Testament Survey	Assignments	
	1. The Nature of God's Will	9. Knowing Your Gifts: Personal Appraisal
	2. God's Will in His Word and Providence	10. Knowing Your Gifts: The Confirmation of Others
	3. Quiz 1: How to Find God's Will for Your Life	11. Using Your Gifts
	4. The Need for Goals	12. Quiz 3: How to Evaluate and Use Talents
	5. The Types of Goals	13. Special Project*
	6. The Attainment of Goals	14. Test: God's Will for Your Life
	7. Quiz 2: How to Develop and Keep Goals	15. Alternate Test: God's Will for Your Life*
	8. The Giver of Gifts	16. Reference

Unit 10: Review		
Assignments		
New Testament Survey	1. The Empires	11. Quiz 2: Instructive and Prophetical Books
	2. Literature and Parties	12. Suffering: Job
	3. The Gospels	13. Suffering: Mankind and Christ
	4. The Acts of the Apostles	14. Sharing Christ with Your Friends
	5. Quiz 1: Background Information and New Testament Historical Books	15. Knowing God's Will
	6. Early Pauline Epistles	16. Quiz 3: Suffering; Witnessing; Finding God's Will
	7. Pauline Epistles from Prison	17. Memory Verse Quiz
	8. Later Pauline Epistles	18. Special Project*
	9. The General Epistles	19. Test: New Testament Review
	10. Revelation	20. Alternate Test: New Testament Review*
		21. Reference

World Geography

World Geography takes students on a journey around the world in which they will learn about the physical and human geography of various regions. They will study the history of each region and examine the political, economic, and cultural characteristics of the world in which we live. Students will also learn about the tools and technologies of geography such as globes, maps, charts, and global information systems.

Upon completion of the course, students should be able to do the following:

- Select and use geographic tools to get information and make predictions.
- Compare places based upon their similarities and differences.
- Identify geographic factors that influenced historic events.
- Evaluate the interrelatedness and interdependence of physical and human systems and their impact on our earth.
- Analyze the role played by culture in the spatial organization of the earth.
- Define the key geographic concerns facing the world and strategize methods to deal with these issues in the future.

Students will also gain practice in writing and note-taking. They will be asked to create graphic organizers, conduct research, analyze information, and write essays on topics such as current events, energy resources, national parks, and more.

Unit 1: Introduction to Geography	
Assignments	
1. Course Overview	13. Physical Processes: The Atmosphere and the Hydrosphere
2. What Is Geography?	14. Physical Processes: The Lithosphere and the Biosphere
3. Project: Note It!*	15. Ecosystems
4. Geographic Tools: Globes and Maps	16. Project: Map It!*
5. Geographic Tools: Graphs, Charts, and More	17. Quiz 3: Our Earth
6. Quiz 1: Introduction to Geography	18. Special Project*
7. Geographic Themes: Location and Place	19. Review
8. Geographic Themes: Human-Environmental Interaction and Movement	20. Test
9. Geographic Themes: Regions	21. Alternate Test*
10. Project: Summarize It!	22. Glossary and Credits
11. Quiz 2: Geographic Themes	
12. Physical Characteristics	

Unit 2: Human Geography	
Assignments	
1. Where People Live	10. Historical Perspectives
2. Settlement and Movement	11. Project: Analyze It!
3. Quiz 1: Where We Live	12. Quiz 3: Interactions
4. Cultural Mosaics	13. Special Project*
5. Economics	14. Review
6. Conflict and Cooperation	15. Test
7. Quiz 2: Why Do People Live Where They Do?	16. Alternate Test*
8. Humans and Their Environment - Part 1	17. Glossary and Credits
9. Humans and Their Environment - Part 2	

Unit 3: North America	
Assignments	
1. North America in Spatial Terms	11. Environment and Society
2. The United States: The Northeast and the South	12. Historical Perspectives
3. The United States: The Midwest and the West	13. Project: Analyze It!

	4. Canada and Greenland	14. Quiz 3: Uses of Geography
	5. Mexico	15. Special Project*
	6. Quiz 1: Physical Geography	16. Review
	7. Settlement and Movement	17. Test
	8. Culture	18. Alternate Test*
	9. Economics and Politics	19. Glossary and Credits
	10. Quiz 2: Human Geography	

Unit 4: Central America, South America, and the Caribbean		
World Geography	Assignments	
	1. Central America	10. Historical Perspectives
	2. South America	11. Project: Consider It!
	3. The Caribbean	12. Looking Ahead
	4. Quiz 1: Physical Geography	13. Quiz 3: Uses of Geography
	5. Settlement and Movement	14. Special Project*
	6. Culture	15. Review
	7. Economics and Politics	16. Test
	8. Quiz 2: Human Geography	17. Alternate Test*
	9. Environment and Society	18. Glossary and Credits

Unit 5: Oceania, Australasia, and Antarctica		
World Geography	Assignments	
	1. Oceania, Australasia, and Antarctica in Spatial Terms	10. Environment and Society
	2. Micronesia, Melanesia, and Polynesia	11. Historical Perspectives
	3. Australia and New Zealand	12. Project: Analyze It!*
	4. Antarctica	13. Quiz 3: Uses of Geography
	5. Quiz 1: Physical Geography	14. Special Project*
	6. Settlement and Movement	15. Review
	7. Culture	16. Test
	8. Economics and Politics	17. Alternate Test*
	9. Quiz 2: Human Geography	18. Glossary and Credits

Unit 6: Semester Review and Exam		
	Assignments	
	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form B*

Unit 7: Western Europe		
World Geography	Assignments	
	1. Northern Region	10. Environment and Society
	2. Western Central Region	11. Historical Perspectives
	3. Southern Region	12. Quiz 3: Uses of Geography
	4. Quiz 1: Physical Geography	13. Special Project*
	5. Settlement and Movement	14. Review
	6. Culture	15. Test
	7. Economics and Politics	16. Alternate Test*
	8. Project: Chart It!	17. Glossary and Credits
	9. Quiz 2: Human Geography	
Unit 8: Eastern Europe and Russia		
World Geography	Assignments	
	1. Central Region	10. Historical Perspectives
	2. Balkan Region	11. Project: Report It!
	3. Eastern Region	12. Quiz 3: Uses of Geography
	4. Quiz 1: Physical Geography	13. Special Project*
	5. Settlement and Movement	14. Review
	6. Culture	15. Test
	7. Economics and Politics	16. Alternate Test*
	8. Quiz 2: Human Geography	17. Glossary and Credits
	9. Environment and Society	
Unit 9: Sub-Saharan Africa		
World Geography	Assignments	
	1. Sub-Saharan Africa in Spatial Terms	10. Historical Perspectives
	2. West and Central Africa	11. Quiz 3: Uses of Geography
	3. East and Southern Africa	12. Project: Solve It!
	4. Quiz 1: Physical Geography	13. Special Project*
	5. Settlement and Movement	14. Review
	6. Culture	15. Test
	7. Economics and Politics	16. Alternate Test*
	8. Quiz 2: Human Geography	17. Glossary and Credits
	9. Environment and Society	
Unit 10: North Africa and Southwest Asia		
World Geography	Assignments	
	1. North Africa	10. Historical Perspectives
	2. Southwest Asia: The Middle East	11. Project: Evaluate It!
	3. Southwest Asia: The Arabian Peninsula	12. Quiz 3: Uses of Geography
	4. Quiz 1: Physical Geography	13. Special Project*
	5. Settlement and Movement	14. Review
	6. Culture	15. Test
	7. Economics and Politics	16. Alternate Test*
	8. Quiz 2: Human Geography	17. Glossary and Credits
	9. Environment and Society	

World Geography	Unit 11: Central, South, East, and Southeast Asia		
	Assignments		
	1. Central Asia	11. Environment: South and Southeast Asia	
	2. South Asia	12. Environment: East Asia	
	3. East Asia	13. Project: Analyze It!	
	4. Southeast Asia	14. Quiz 3: Uses of Geography	
	5. Quiz 1: Physical Geography	15. Special Project*	
	6. Historical Perspectives: South and Southeast Asia	16. Review	
	7. Historical Perspectives: East Asia	17. Test	
	8. Culture	18. Alternate Test*	
	9. Quiz 2: Human Geography	19. Glossary and Credits	
	10. Economics and Politics		
	Unit 12: Semester Review and Exam		
	Assignments		
	1. Review	3. Alternate Exam – Form A*	
	2. Exam	4. Alternate Exam – Form A*	
	Unit 12: Final Exam		
	Assignments		
	1. Exam	3. Alternate Exam – Form B*	
	2. Alternate Exam – Form A*		

English I

English I continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students how to understand and appreciate poetry, drama, informative nonfiction, and fiction; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative prose; guides students through readings of drama, a novel, and selections from well-known poetry, and short stories.
- **Writing**—furtheres students' understanding of sentence structures; reviews parts of speech and their types, including in-depth studies on verbs (transitive, intransitive, conjugation, tense, voice, mood); develops students' understanding of the types and functions of phrases and clauses; teaches language history and etymology to help students build on knowledge of word structures, including prefixes, roots, and suffixes; expands on students' vocabulary skills; reviews spelling skills; gives students the opportunity to develop their abilities in writing speeches, short essays, poetry, friendly/business letters, and short stories.
- **Speaking**—offers students experience in delivering a speech; teaches skills that enable students to become effective speakers and communicators, weaving these skills together throughout the course.
- **Listening**—teaches effective listening comprehension skills, weaving these together throughout the lessons.

Curriculum Contents

Reading Comprehension Skills

- Analyzing Propaganda
- Understanding Elements of Narrative Prose
- Reading Informative Nonfiction
- Reading Fiction
- Reading Poetry
- Developing Reading Skills—Analysis, Evaluation, and Interpretation

Composition

- Letters—Structure, Type, and Composition
- Paragraph Elements and Structure
- Writing a Formal Essay
- Writing a Persuasive Paragraph
- Writing about Poetry
- Writing a Speech

Grammar and Usage

- Adjectives—Comparison, Suffixes as Adjective Endings, and Position
- Adverbs
- Levels of Language Use
- Nouns—Abstract, Concrete, Compound, Collective, Plural, and Possessive Nouns
- Pronouns
- Sentence Structure—Clauses and Phrases
- Verbs—Tense, Voice, Mood, Conjugation, and Transitive and Intransitive Verbs

Literature Studies

- Drama—Genre/Type, Structure, and Elements
- Fiction—Genre/Type, Structure, Elements, and Modes
- History of Drama—Greek/Roman Plays, Medieval Drama, and Elizabethan Drama
- History of Novels—Oral Tradition, Novel Prototypes, and Early Novels
- History of Short Stories
- Poetry—Genre/Type, Structure, Elements, and Literary Devices

Speaking and Listening

- Listening Skills—Elements, Common Errors, and Strategies
- Oral Reading
- Speaking Skills—Elements, Purpose, Organization, and Delivery

Spelling

- Mnemonics
- Nouns—Plural and Possessive

Vocabulary Building

- Dictionary Skills
- Etymology
- Roots, Prefixes, and Suffixes
- Word Relationships

Special Topics

- The Bible as Literature
- Origin/Development of Language
- Research Skills—Internet, Library, and Reference Materials
- Visual Media—Charts, Graphs, and Tables

Literature List

The following are literary works students will encounter in English I:

Drama

- Gibson, William. *The Miracle Worker*
- Shakespeare, William. *Romeo and Juliet* (excerpt)

Fiction

- Hawthorne, Nathaniel. "Young Goodman Brown" (excerpt)
- Henry, O. "The Gift of the Magi"
- Stuart, Jesse. "The Slip-Over Sweater"
- Verne, Jules. *Twenty Thousand Leagues Under the Sea*

Poetry

- Frost, Robert.
 - "Good Hours"
 - "The Road Not Taken"

English I	Unit 1: The Structure of Language			
	Assignments			
	1. Course Overview	19. Indefinite and Collective Antecedents		
	2. Parts of Speech and Noun Types	20. Prepositions		

English I	3.	Plural Nouns (1)	21.	Frequently Misused Prepositions
	4.	Plural Nouns (2)	22.	Conjunctions and Interjections
	5.	Plural Nouns (3)	23.	Quiz 3: Pronouns, Prepositions, and Conjunctions
	6.	Plural Nouns (4)	24.	Phrases
	7.	Possessive Nouns	25.	Clauses
	8.	Adjectives	26.	Sentence Parts
	9.	Adjectives: Comparison and Suffixes	27.	Quiz 4: Sentence Elements
	10.	Quiz 1: Nouns and Adjectives	28.	Documentation
	11.	Verbs: Principal Parts	29.	Works Cited
	12.	Verbs: Tense, Voice, and Mood	30.	Parenthetical Citation
	13.	Verb Conjugation	31.	Documentation Review
	14.	Transitive and Intransitive Verbs	32.	Special Project*
	15.	Adverbs	33.	Test: Language Structure
	16.	Quiz 2: Verbs and Adverbs	34.	Alternate Test: Language Structure*
	17.	Personal Pronouns	35.	Reference
	18.	Types of Pronouns		

Unit 2: The Nature of Language				
English I	Assignments			
	1.	Origin of Language	8.	Understanding Word Parts
	2.	Project: Nonverbal Communication	9.	Working With Word Parts
	3.	Ancient Languages	10.	Quiz 2: Word Parts
	4.	Old English to Modern English	11.	Special Project*
	5.	Quiz 1: Language Development	12.	Test: The Nature of Language
	6.	Word Meanings	13.	Alternate Test: The Nature of Language*
	7.	Word Roots	14.	Reference

Unit 3: Words and Writing				
English I	Assignments			
	1.	Using the Dictionary	9.	Project: Outline
	2.	Using Words Effectively	10.	Essay: Short Essay
	3.	Quiz 1: Vocabulary and Pronunciation	11.	Quiz 3: Vocabulary and Sentence Structure
	4.	Spelling: Pronunciation Techniques	12.	Special Project*
	5.	Mnemonics	13.	Test: Words and Writing
	6.	Quiz 2: Spelling and Pronunciation	14.	Alternate Test: Words and Writing*
	7.	Writing: Preparation	15.	Reference
	8.	Researching and Writing the Paper		

Unit 4: Paragraphs, Essays, and Research Reports		
English I	Assignments	
	1. The Structure of a Paragraph	10. The Research Report
	2. Effective Transitions	11. Quiz 2: Research Reports
	3. The Structure of an Essay	12. Project: The Research Report
	4. Types of Essays	13. Special Project*
	5. Project: The Five Paragraph Essay	14. Test: Paragraphs, Essays, and Research Reports
	6. Quiz 1: Paragraphs and Essays	15. Alternate Test: Paragraphs, Essays, and Research Reports*
	7. The Thesis Statement	16. Reference
	8. The Outline	
	9. Researching and the Library	
Unit 5: Short Stories		
English I	Assignments	
	1. The History of the Short Story	8. Drawing Inferences
	2. Short Story Fundamentals	9. The Gift of the Magi
	3. Imagery and Symbolism	10. Quiz 2: Short Story Comprehension
	4. Quiz 1: Short Story Fundamentals	11. Special Project*
	5. Biblical Stories	12. Test: Short Stories
	6. The Slip-Over Sweater	13. Alternate Test: Short Stories*
	7. Essay: Response to the Slip-Over Sweater	14. Reference
Unit 6: Structure and Meaning in Prose and Poetry		
English I	Assignments	
	1. Understanding Author Purpose and Meaning	10. Figurative Reading: Language and Poetry
	2. Using Paragraph Structure to Find Meaning	11. Analytical Reading: Patterns in Poetry
	3. Using Visual Aids to Find Meaning	12. Quiz 3: Understanding and Enjoying Poetry
	4. Quiz 1: Reading for Purpose and Meaning	13. Special Project*
	5. Recognizing Author Appeal	14. Test: Structure and Meaning in Prose and Poetry
	6. Detecting Logical Fallacies	15. Alternate Test: Structure and Meaning in Prose and Poetry*
	7. Quiz 2: Reading Persuasion	16. Reference
	8. Literal Reading: Surface Meaning in Poetry	
	9. Symbolic Reading: Symbols in Poetry	
Unit 7: Communication		
English I	Assignments	
	1. Speaking	9. Project: Informal Letter
	2. Giving a Speech	10. Project: Business Letter
	3. Project: Speech	11. Quiz 3: Letter Writing
	4. Project: Effective Oral Reading*	12. Special Project*
	5. Quiz 1: Speaking	13. Test: Communication
	6. Listening	14. Alternate Test: Communication*
	7. Quiz 2: Listening	15. Reference
	8. Letter Writing	

Unit 8: Drama		
English I	Assignments	
	1. The History of Drama	9. Essay: Miracle Worker
	2. Elements of Drama	10. Essay: The Asylum
	3. Dramatic Devices	11. Quiz 2: The Miracle Worker
	4. Essay: Parable*	12. Special Project*
	5. Quiz 1: Drama	13. Test: Drama
	6. The Miracle Worker (Act 1)	14. Alternate Test: Drama*
	7. The Miracle Worker (Act 2)	15. Reference
	8. The Miracle Worker (Act 3)	
Unit 9: Studies in The Novel		
English I	Assignments	
	1. The Novel	11. Quiz 2: Twenty Thousand Leagues
	2. Subject Matter	12. The Critical Essay
	3. Types of Novels	13. Essay: Lost Continent
	4. Modes of Writing the Novel	14. Essay: Critique*
	5. Quiz 1: The Novel	15. Quiz 3: The Critical Essay
	6. Twenty Thousand Leagues Under the Sea	16. Special Project*
	7. Plot and Perspective	17. Test: Studies in the Novel
	8. Episodes	18. Alternate Test: Studies in the Novel*
	9. Plot Function	19. Reference
	10. Essay: Twenty Thousand Leagues	
Unit 10: Review		
English I	Assignments	
	1. Structure	9. Quiz 2: Communication
	2. Plural Nouns	10. Library Skills and Visual Aids
	3. Adjectives	11. Determining the Author's Message
	4. Verbs and Adverbs	12. Quiz 3: Reading and Research
	5. Pronouns, Prepositions, Phrases, and Clauses	13. Special Project*
	6. Quiz 1: Structure	14. Test: Review
	7. The Skills of Writing	15. Alternate Test: Review*
	8. The Skills of Speaking	16. Reference

Algebra I

Algebra I is a full year, high school credit course that is intended for the student who has successfully mastered the core algebraic concepts covered in the prerequisite course, Pre-Algebra. Within the Algebra I course, the student will explore basic algebraic fundamentals such as evaluating, creating, solving and graphing linear, quadratic, and polynomial functions.

Objectives

- Solve single variable, absolute value, and linear systems of equations.
- Solve and graph single variable, absolute value, and linear inequalities.
- Evaluate, solve, and graph linear and quadratic functions as well as conceptualize the relationship between the independent and dependent variable of a function.
- Understand and know how to apply the distance, midpoint, and slope formulas as well as the Pythagorean theorem.
- Form an equation of a line using the slope-intercept, point-slope and standard forms of a line.
- Organize data in the form of a table or matrix; perform complex matrix operations such as multiplication, evaluating the determinant, and solving a system of linear equations using Cramer's Rule.
- Apply basic fundamental rules of exponents.
- Be able to construct a formula or equation necessary to solve algebraic word problems involving area, perimeter, and linear systems of equations, basic probability and statistical reasoning, distance, and compounding interest.
- Evaluate rational expressions and solve equations with rational expressions.
- Simplify and perform operations with radical expressions and polynomials.

Unit 1: Foundations of Algebra	
Assignments	
Algebra I	1. Course Overview
	2. Variables and Expressions
	3. Exponents and Order of Operations
	4. Evaluating Expressions
	5. Quiz 1: The Language of Algebra
	6. Classifying and Comparing Numbers
	7. Decimal-Fraction Conversions
	8. Fractions
	9. Adding and Subtracting Signed Numbers
	10. Multiplying and Dividing Signed Numbers
	11. Absolute Value
	12. Quiz 2: The Real Numbers
	13. Commutative and Associative Properties
	14. Distributive Property
	15. Simplifying Expressions
	16. Quiz 3: Properties of the Real Numbers
	17. Special Project*
	18. Review
	19. Test
	20. Alternate Test*
	21. Glossary and Credits

Unit 2: Linear Equations	
Assignments	
1. Open Sentences	13. More than Two Unknowns
2. Addition Property of Equality	14. Using a Chart
3. Multiplication Property of Equality	15. Quiz 3: Word Problems
4. Two-Step Equations	16. Percent Problems
5. Quiz 1: Solving Equations	17. Mixture and Interest Problems
6. Variables on Both Sides	18. Quiz 4: Mixture and Investment Problems
7. Combining Like Terms	19. Special Project*
8. The Distributive Property	20. Review
9. Literal Equations	21. Test
10. Quiz 2: Multi-Step Equations	22. Alternate Test*
11. Writing Equations from Word Problems	23. Glossary and Credits
12. Two Unknowns	

Algebra I	Unit 3: Functions	
	Assignments	
	1. The Coordinate Plane	13. Absolute Value Functions
	2. Identifying Functions	14. Quiz 3: Graphing Linear Functions
	3. Function Notation	15. Writing Linear Equations (1)
	4. Modeling Functions	16. Writing Linear Equations (2)
	5. Quiz 1: Function Basics	17. Writing Linear Equations (3)
	6. Writing a Function Rule	18. Quiz 4: Writing Linear Equations
	7. Arithmetic Sequences	19. Special Project*
	8. Direct Variation	20. Review
9. Slope	21. Test	
10. Quiz 2: Patterns	22. Alternate Test*	
11. Linear Equations	23. Glossary and Credits	
12. Slope-Intercept Form		

Unit 4: Inequalities	
Assignments	
1. Graphing	11. Absolute Value Solution Sets
2. Addition Property of Inequality	12. Absolute Value Inequalities with One Variable
3. Multiplication Property of Inequality	13. Absolute Value Inequalities with Two Variables
4. Multi-Step Inequalities	14. Quiz 3: Absolute Value
5. Problem Solving	15. Special Project*
6. Quiz 1: Solving Inequalities	16. Review
7. Compound Inequality Graphs	17. Test
8. Solving Compound Inequalities	18. Alternate Test*
9. Inequalities with Two Variables	19. Glossary and Credits
10. Quiz 2: Compound Inequalities	

Unit 5: Linear Systems		
Algebra I	Assignments	
	1. Solution of a System	11. Money and Unit Pricing
	2. Graphing Systems of Equations	12. Using Formulas
	3. Systems of Inequalities	13. Quiz 3: Representing Problems Using a Linear System
	4. Quiz 1: Solving Linear Systems by Graphing	14. Special Project*
	5. Substitution Method	15. Review
	6. Addition Method	16. Test
	7. Matrices	17. Alternate Test*
	8. Fractional Coefficients	18. Glossary and Credits
	9. Quiz 2: Solving Linear Systems Algebraically	
	10. Using Two Variables	
Unit 6: Semester Review and Exam		
	Assignments	
	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form B*
Unit 7: Polynomials		
Algebra I	Assignments	
	1. Adding and Subtracting Polynomials	12. Factoring by Grouping
	2. Grouping Symbols	13. Factoring Trinomials (1)
	3. Quiz 1: Adding and Subtracting Polynomials	14. Factoring Trinomials (2)
	4. Multiplying by a Monomial	15. Special Cases
	5. Multiplying Polynomials	16. Complete Factorization
	6. F.O.I.L. and Special Cases	17. Quiz 3: Factoring Polynomials
	7. Dividing by a Monomial	18. Special Project*
	8. Long Division	19. Review
	9. Quiz 2: Multiplying and Dividing Polynomials	20. Test
	10. Greatest Common Factor	21. Alternate Test*
	11. Factoring Out the GCF	22. Glossary and Credits
Unit 8: Exponential and Radical Functions		
Algebra I	Assignments	
	1. Negative Exponents	11. Multiplying Radicals
	2. Exponential Expressions	12. Dividing Radicals
	3. Scientific Notation	13. Adding and Subtracting Radicals
	4. Quiz 1: Evaluating Exponential Expressions	14. Radical Equations
	5. Multiplication	15. Quiz 3: Radical Functions
	6. Raising to a Power	16. Special Project*
	7. Division	17. Review
	8. Geometric Sequences	18. Test
	9. Quiz 2: Properties of Exponents	19. Alternate Test*
	10. Simplifying Radicals	20. Glossary and Credits

Unit 9: Quadratics		
Algebra I	Assignments	
	1. Pythagorean Theorem	12. Applications of Quadratics
	2. Distance	13. Completing the Square
	3. Midpoint	14. Completing the Square
	4. Quiz 1: Formulas	15. Quadratic Formula (1)
	5. Quadratic Functions	16. Quadratic Formula (2)
	6. Transformations	17. Quiz 3: Solving Quadratic Equations
	7. Line of Symmetry	18. Special Project*
	8. Quadratic Inequalities	19. Review
	9. Quiz 2: Graphing Quadratic Functions	20. Test
	10. Solving by Factoring	21. Alternate Test*
	11. Square Root Method	22. Glossary and Credits
Unit 10: Rational Expressions		
Algebra I	Assignments	
	1. Simplifying Rational Expressions	10. Applications of Rational Equations
	2. Multiplying and Dividing Rational Expressions	11. More Problems
	3. Adding and Subtracting with Like Denominators	12. Quiz 2: Rational Equations and Inequalities
	4. Adding and Subtracting with Unlike Denominators	13. Special Project*
	5. Quiz 1: Operations with Rational Expressions	14. Review
	6. Proportions	15. Test
	7. Using the LCD	16. Alternate Test*
	8. Complex Fractions	17. Glossary and Credits
	9. Inequalities	
Unit 11: Probability and Statistics		
Algebra I	Assignments	
	1. Measures of Central Tendency	10. Probability
	2. Dispersion	11. Compound Events
	3. Interpreting Data	12. Project: Probability
	4. Project: Data Analysis	13. Quiz 3: Probability
	5. Quiz 1: Measures of Central Tendency	14. Special Project*
	6. Sampling and Outcomes	15. Review
	7. Permutations	16. Test
	8. Combinations	17. Alternate Test*
	9. Quiz 2: Outcomes	18. Glossary and Credits
Unit 12: Semester Review and Exam		
	Assignments	
	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form B*
Unit 13: Final Exam		
	Assignments	
	1. Exam	3. Alternate Exam – Form B*
	2. Alternate Exam – Form A*	

Integrated Physics and Chemistry

Integrated Physics and Chemistry is a physical science course designed for high school students needing an entry-level science course covering basic concepts found in chemistry and physics. Topics included in this study are:

- matter,
- motion and forces,
- work and energy,
- electricity and magnetism, and
- waves.

Throughout the course, students will have opportunities to observe simulations, investigate ideas, and solve problems—both on screen and away from the computer.

The course seeks to help students expand their knowledge and skills so that they may achieve the following goals:

- Gain an understanding of foundational concepts in physics and chemistry.
- Make careful observations of the surrounding environment.
- Analyze problems and solutions scientifically.
- Integrate science knowledge with real world situations at local, regional, national, and international levels.
- Appreciate the impact of science discovery on everyday life.

Integrated Physics and Chemistry	Unit 1: Explorations in Physical Science	
	Assignments	
	1. Course Overview	10. Mass and Density
	2. What is Science?	11. Experiment: Determining Density*
	3. The Scientific Method	12. Experiment: Density Column
	4. Experiment: Making Observations	13. Quiz 2: Measuring Matter
	5. Quiz 1: Nature of Science	14. Special Project*
	6. The Metric System	15. Review
	7. Scales	16. Test
	8. Volume	17. Alternate Test*
	9. Experiment: Determining Volume	18. Glossary and Credits
Integrated Physics and Chemistry	Unit 2: The Structure of Matter	
	Assignments	
	1. The History of Atomic Theory	11. Mixtures
	2. Experiment: Atomic Structure	12. Separating Mixtures
	3. The Atomic Model	13. Experiment: Separating a Mixture
	4. Quiz 1: Atomic Structure	14. Quiz 3: Mixtures
	5. Elements and Their Properties	15. Special Project*
	6. The Periodic Table	16. Review
	7. Trends on the Periodic Table	17. Test
	8. Experiment: Identifying an Unknown	18. Alternate Test*
	9. Compounds	19. Glossary and Credits
	10. Quiz 2: Pure Substances	

Integrated Physics and Chemistry	Unit 3: The Structure of Matter	
	Assignments	
	1. States of Matter	13. Quiz 2: Chemical Changes
	2. Changes of State	14. Radioactivity
	3. Experiment: Graphing Changes of State	15. Nuclear Reactions
	4. Solutions - The Dissolving Process	16. Experiment: Half-Life
	5. Acids and Bases	17. Nuclear Energy
	6. Experiment: The Cabbage Indicator	18. Quiz 3: Nuclear Changes
	7. Quiz 1: Physical Changes	19. Special Project*
	8. Chemical Bonding	20. Review
	9. Atomic Structure and Bonding	21. Test
	10. Experiment: Chemical Changes	22. Alternate Test*
	11. Chemical Reactions and Conservation of Mass	23. Glossary and Credits
	12. Types of Chemical Reactions	
Integrated Physics and Chemistry	Unit 4: States of Matter	
	Assignments	
	1. Properties of Solids	11. Quiz 2: Liquids
	2. Experiment: Comparing Hardness and Density of Solids	12. General Characteristics of Gases
	3. Elasticity and Strength in Solids	13. Pressure and Volume in Gases
	4. Electrical Conductivity in Solids	14. Experiment: Pressure in Gases
	5. Quiz 1: Solids	15. Temperature and Volume Changes in Gases
	6. Characteristics of Liquids	16. Quiz 3: Gases
	7. Experiment: Viscosity	17. Special Project
	8. Pressure in Liquids	18. Review
	9. Archimedes' Principle and Flotation	19. Test
	10. Liquids and Capillary Action	20. Alternate Test*
		21. Glossary and Credits
Integrated Physics and Chemistry	Unit 5: Motion and Forces	
	Assignments	
	1. Distance and Displacement	11. Newton's Laws
	2. Speed and Velocity	12. Project: Virtual Lab - Newton's Laws
	Acceleration	13. Experiment: Propulsion
	3. Motion Graphs	14. Centripetal Force
	4. Experiment: Motion Graphs	15. Quiz 2: Forces
	5. Momentum	16. Project: Virtual Lab - Circular Motion
	6. Project: Virtual lab - Conservation of Momentum	17. Special Project*
	7. Quiz 1: Motion	18. Review
	8. Forces	19. Test
	9. Friction	20. Alternate Test*
	10. Distance and Displacement	21. Glossary and Credits
	Unit 6: Semester Review and Exam	
	Assignments	
	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*

Integrated Physics and Chemistry	Unit 7: Work and Energy	
	Assignments	
	1. Forms of Energy	11. Inclined Planes, Wedges, and Screws
	2. Work	12. Project: Virtual Lab - Simple Machines
	3. Mechanical Energy	13. Experiment: Inclined Planes
	4. Conservation of Energy	14. Quiz 2: Simple Machines
	5. Experiment: Potential and Kinetic Energy	15. Project: Virtual Lab - Projectiles
	6. Power	16. Special Project*
	7. Quiz 1: Work, Energy, and Power	17. Review
	8. Simple Machines; Levers	18. Test
	9. Mechanical Advantage and Efficiency	19. Alternate Test*
	10. Pulleys; Wheels and Axles	20. Glossary and Credits

Integrated Physics and Chemistry	Unit 8: Heat Flow	
	Assignments	
	1. Thermodynamics and Entropy	9. Heat Engines
	2. Specific Heat Capacity	10. Quiz 2: Heat Flow and Technology
	3. Heat Flow	11. Special Project*
	4. Experiment: Insulators	12. Review
	5. Quiz 1: Energy Transfer	13. Test
	6. Heating Systems	14. Alternate Test*
	7. Experiment: Heat and Expansion	15. Glossary and Credits
	8. Cooling and Refrigeration	

Integrated Physics and Chemistry	Unit 9: Electricity and Magnetism	
	Assignments	
	1. Electric Charges	10. Magnetism and Electricity
	2. Static Electricity	11. Experiment: Diverting a Magnetic Field
	3. Experiment: Electrostatic Investigations	12. Magnetic Fields in Space
	4. Electric Current	13. Quiz 2: Magnetism
	5. Circuits	14. Special Project*
	6. Electrical Energy and Power	15. Review
	7. Project: Virtual Lab - Circuits	16. Test
	8. Quiz 1: Electricity	17. Alternate Test*
	9. Magnetism	18. Glossary and Credits

Integrated Physics and Chemistry	Unit 10: Waves	
	Assignments	
	1. Waves and Energy Transfer	14. Quiz 2: Sound
	2. Types of Waves	15. Light and the Electromagnetic Spectrum
	3. Properties of Waves	16. Properties of Light
	4. Experiment: Changing the Speed of a Wave	17. Reflection and Mirrors
	5. The Behavior of Waves	18. Experiment: Law of Reflection
	6. Quiz 1: Wave Characteristics and Properties	19. Lenses
	7. Sound Vibrations	20. Quiz 3: Light
	8. Detecting Sound	21. Project: Virtual Lab - Light
	9. Project: Virtual Lab - Sound	22. Special Project*
	10. Experiment: Using Vibrations to Produce Sound	23. Review
	11. Doppler Effect	24. Test
	12. Project: Virtual Lab - Doppler Effect	25. Alternate Test*
	13. Beats, Resonance, and Harmonics	26. Glossary and Credits

Integrated Physics and Chemistry	Unit 11: Chemistry and Physics in Our World	
	Assignments	
	1. Carbon Dioxide and Global Warming	9. Kepler and the Motion of the Spheres
	2. Experiment: Carbon Dioxide and Water Acidity	10. Experiment: Kepler's Second Law
	3. Fossil Fuels' Effect on the Environment	11. Quiz 2: Space Physics
	4. Media and Science	12. Special Project*
	5. Experiment: Water Acidity and the Environment	13. Review
	6. Quiz 1: Environmental Chemistry	14. Test
	7. Atomic Spectra and Moving Stars	15. Alternate Test*
	8. The Temperature of Stars	16. Glossary and Credits

Unit 12: Semester Review and Exam	
Assignments	
1. Review	3. Alternate Exam - Form A*
2. Exam	4. Alternate Exam - Form B*

Unit 13: Final Exam	
Assignments	
1. Final Exam	3. Alternate Exam - Form B*
2. Alternate Exam - Form A*	

10th Grade

Old Testament Survey

Old Testament Survey provides a developmental and in-depth academic study of the teachings of the Old Testament, from the creation of the world (Genesis) to the restoration of Israel and the ministry of its post-exilic prophets (Malachi). The survey emphasizes the most important people, places, and events in the development and decline of the nation of Israel. These areas target three content strands: theology, biblical literature, and biblical background.

Upon completion of the course, students should be able to do the following:

- Identify the key people, places, and events of the Old Testament.
- Provide the setting and purpose for each Old Testament book.
- Identify the different eras in the history of Israel.
- Appreciate the importance of the nation of Israel.
- Describe the rise and fall of the kingdoms of Judah and Israel.
- Identify the various prophets with the era in which they ministered.

Unit 1: Creation to Abraham		
Old Testament Survey	Assignments	
	1. Course Overview	10. Flood
	2. Overview of the Bible	11. Quiz 3: Flood
	3. Creation	12. Nations
	4. Quiz 1: Creation	13. Quiz 4: Nations
	5. Fall	14. Special Project*
	6. Essay: Temptation	15. Test: Creation to Abraham
	7. Project: Promises of God*	16. Alternate Test: Creation to Abraham*
	8. Cain and Abel	17. Reference
	9. Quiz 2: Fall	

Unit 2: Abraham Through Joseph		
Old Testament Survey	Assignments	
	1. Abraham	10. Quiz 3: Jacob
	2. Abraham: Call from God	11. Joseph: In Canaan
	3. Abraham: Egypt to the Covenant	12. Joseph: In Egypt
	4. Quiz 1: Abraham	13. Quiz 4: Joseph
	5. Isaac	14. Special Project*
	6. Quiz 2: Isaac	15. Test: Abraham Through Joseph
	7. Jacob: Early Life/Flight to Haran	16. Alternate Test: Abraham Through Joseph*
	8. Report: Rebekah	17. Reference
	9. Jacob: Return to Canaan	

Unit 3: The Exodus and Wanderings		
Old Testament Survey	Assignments	
	1. Exodus: Bondage in Egypt	10. Numbers: Journey and Sojourn
	2. Exodus: A Deliverer	11. Quiz 3: Numbers
	3. Exodus: Deliverance from Bondage	12. Deuteronomy
	4. Exodus: Law/ Tabernacle/ Priesthood	13. Quiz 4: Deuteronomy
	5. Quiz 1: Exodus	14. Special Project*
	6. Leviticus: Chapters 1-16	15. Test: The Exodus and Wanderings
	7. Leviticus: Chapters 17-27	16. Alternate Test: The Exodus and Wanderings*
	8. Quiz 2: Leviticus	17. Reference
	9. Numbers: Organization	

Unit 4: Israel in Canaan		
Old Testament Survey	Assignments	
	1. Final Preparation	8. Quiz 2: Division of the Land
	2. Report: Report of the Spies	9. Farewell and Death of Joshua
	3. Conquest of the Land	10. Quiz 3: Farewell and Death of Joshua
	4. Quiz 1: Conquest of the Land	11. Special Project*
	5. Division of the Land (Part I)	12. Test: Israel in Canaan
	6. Report: Israel in Canaan	13. Alternate Test: Israel in Canaan*
	7. Division of the Land (Part II)	14. Reference

Unit 5: The Judges and Spiritual Decline		
Old Testament Survey	Assignments	
	1. The Book of Judges	10. Quiz 3: Two Examples of Decay
	2. Quiz 1: The Book of Judges	11. The Story of Ruth
	3. Othniel	12. Quiz 4: The Story of Ruth
	4. Ehud, Shamgar, and Deborah	13. Memory Verse Quiz
	5. Gideon	14. Special Project*
	6. Tola, Jair, and Jephthah	15. Test: The Judges and Spiritual Decline
	7. Ibzan, Elon, Abdon, and Samson	16. Alternate Test: The Judges and Spiritual Decline*
	8. Quiz 2: The History of the Judges	17. Reference
	9. Spiritual and Moral Decay	

Unit 6: Israel in Canaan		
Old Testament Survey	Assignments	
	1. The Ministry of Samuel	10. Job
	2. The Selection of a King	11. Psalms
	3. The Reign of Saul	12. Proverbs
	4. The Demise of Saul	13. Ecclesiastes/ Song of Solomon
	5. The Reign of David	14. Quiz 3: Hebrew Poetry
	6. Quiz 1: The Books of Samuel	15. Special Project*
	7. The Kingdom Under Solomon	16. Test: The Kingdom
	8. The Program of Solomon	17. Alternate Test: The Kingdom*
	9. Quiz 2: The Kingdom Under Solomon	18. Reference

Unit 7: The Divided Kingdom		
Old Testament Survey	Assignments	
	1. Jeroboam	11. From Jehoahaz to the Assyrian Captivity
	2. Rehoboam, Abijah, Asa, Nadab and Successors	12. Quiz 3: From Jehu to the Assyrian Captivity
	3. Report: Rehoboam and Jeroboam	13. Prophets: Obadiah and Joel
	4. Quiz 1: Jeroboam to Ahab	14. Prophets: Jonah, Amos, and Hosea
	5. Elijah	15. Quiz 4: The Prophets of the Period
	6. Ahab, Jehoshaphat, and Ahaziah	16. Special Project*
	7. Elijah and Elisha	17. Test: The Divided Kingdom
	8. Elisha, Jehoram, Ahaziah, and Jehu	18. Alternate Test: The Divided Kingdom*
	9. Quiz 2: From Ahab to Jehu	19. Reference
	10. From Jehu to Joash	
Unit 8: The Remaining Kingdom		
Old Testament Survey	Assignments	
	1. Hezekiah: Revival and Reform	9. Prophets: Isaiah
	2. Hezekiah: Deliverance to Recovery	10. Prophets: Micah and Nahum
	3. Quiz 1: Hezekiah	11. Prophets: Zephaniah, Habakkuk, Jeremiah
	4. Manasseh and Amon	12. Quiz 4: The Prophets of the Period
	5. The Reforms of Josiah	13. Special Project*
	6. Quiz 2: From Manasseh to Josiah	14. Test: The Remaining Kingdom
	7. From Jehoahaz to the Exile	15. Alternate Test: The Remaining Kingdom*
	8. Quiz 3: From Jehoahaz to the Exile	16. Reference
Unit 9: The Captivity		
Old Testament Survey	Assignments	
	1. Jeremiah: History	8. Daniel: The Book
	2. Jeremiah: Ministry and Books	9. Quiz 3: Daniel
	3. Quiz 1: Jeremiah	10. Special Project*
	4. Ezekiel: History and Ministry	11. Test: The Captivity
	5. Ezekiel: The Book	12. Alternate Test: The Captivity*
	6. Quiz 2: Ezekiel	13. Reference
	7. Daniel: History and Ministry	
Unit 10: The Restoration		
Old Testament Survey	Assignments	
	1. First Return from Exile: Under Zerubbabel	11. Registration, Revival, and Reform
	2. The Rebuilding of the Temple	12. Quiz 4: Third Return from Exile
	3. Quiz 1: The First Return from Exile	13. Prophets: Haggai
	4. The Preservation in Exile	14. Prophets: Zechariah and Malachi
	5. Quiz 2: The Preservation in Exile	15. Quiz 5: The Prophets of the Period
	6. Second Return from Exile: Under Ezra	16. Memory Verse Quiz
	7. The Reforms in Jerusalem	17. Special Project*
	8. Quiz 3: The Reforms in Jerusalem	18. Test: The Restoration
	9. Third Return from Exile: Under Nehemiah	19. Alternate Test: The Restoration*
	10. Rebuilding the Walls of Jerusalem	20. Reference

World History

World History continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. With an emphasis on Western Europe, the course surveys ancient civilizations to the end of the 20th century, highlighting early Christianity (through the Reformation) and the two World Wars. These areas of focus target three major content strands: History, Geography, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand Western civilization from its beginnings to the present day.
- Understand the significant political and economic transformations and significant cultural and scientific events in Europe during the Renaissance.
- Understand significant religious and societal issues from the Renaissance through the Reformation.
- Understand the significant social and political developments in Europe and America brought on by the English, American, and French Revolutions.
- Understand the effects of the Industrial Revolution.
- Analyze major historical and political events of the 20th century, including the two World Wars, the Cold War, and the Vietnam War.

Additionally, students will gain practice in report-writing, covering topics like the rise of Christianity, the U.S. Constitution, communism versus free enterprise, the United Nations, and more.

Unit 1: Ancient Civilizations I		
Assignments		
World History	1. Course Overview	12. Babylonian and Assyrian Civilization
	2. Elements of Civilization	13. Assyrian History
	3. Origin of Man	14. Neo-Babylonian Empire
	4. Fall of Man and Flood from God	15. Quiz 3: Assyrian and Babylonian Civilizations
	5. Origin of Civilization	16. Persian Civilization
	6. Origin of Nations	17. Quiz 4: Ancient Civilizations
	7. Quiz 1: Meaning and Origin of Civilization	18. Special Project*
	8. Early Egyptian Geography and History	19. Test: Ancient Civilizations I
	9. Early Egyptian Empire	20. Alternate Test: Ancient Civilizations I*
	10. Early Egyptian Civilization	21. Glossary and Credits
	11. Quiz 2: Early Egyptian Civilization	

Unit 2: Ancient Civilizations II		
World History	Assignments	
	1. The Eastern World: India	11. Rome: The Empire
	2. The Eastern World: China	12. Rome: Decline of the Empire
	3. Quiz 1: India and China	13. Christianity and the Roman Empire
	4. Greece: Geography and History	14. Report: The Rise of Christianity
	5. Greece: Dark Ages	15. Quiz 3: The Roman Empire
	6. Greece: 550-405 B.C.	16. Special Project*
	7. Greece: 359-31 B.C.	17. Test: Ancient Civilizations II
	8. Greece: Culture	18. Alternate Test: Ancient Civilizations II*
	9. Quiz 2: The Greek Civilization	19. Glossary and Credits
	10. Rome: Pre-Republic and Republic	
Unit 3: The Medieval World		
World History	Assignments	
	1. The Middle Ages: An Introduction	8. High Middle Ages: Monarchies and the Church
	2. Early Middle Ages	9. High Middle Ages: The Byzantine Empire and Other World Powers
	3. Quiz 1: The Early Middle Ages	10. Quiz 3: The High Middle Ages
	4. Transition: The Continent and New Invasions	11. Special Project*
	5. Transition: England, the Church, and the Growth of Islam	12. Test: The Medieval World
	6. Quiz 2: The Middle Ages in Transition	13. Alternate Test: The Medieval World*
	7. High Middle Ages: Setting	14. Glossary and Credits
Unit 4: Renaissance and Reformation		
World History	Assignments	
	1. Renaissance Government: France and England	10. England: Mary I and Elizabeth I
	2. Renaissance Government: Italy and Spain	11. Reform Within the Catholic Church
	3. Developments in Art	12. Wars of Religion
	4. Changes in Literature and Thought	13. Quiz 2: The Reformation
	5. Advances in Science	14. Special Project*
	6. Quiz 1: The Renaissance	15. Test: Renaissance and Reformation
	7. The Reformation: Wycliffe, Huss, and Luther	16. Alternate Test: Renaissance and Reformation*
	8. The Reformation: Zwingli, Grebel, Calvin, and Knox	17. Glossary and Credits
	9. England: Henry VIII and Edward VI	

Unit 5: Growth of World Empires		
World History	Assignments	
	1. Absolutism in England: 16-17th Centuries	11. Austria, Germany, and Italy
	2. Absolutism in England: 17th Century	12. Report: Prussia*
	3. Absolutism in France	13. The Ottoman Empire
	4. Report: Versailles	14. Quiz 3: Austria, Germany, Italy, and the Ottoman Empire
	5. English Mercantilism	15. Special Project*
	6. French Mercantilism and Colonial Rivalry	16. Test: Growth of World Empires
	7. Quiz 1: England and France	17. Alternate Test: Growth of World Empires*
	8. Portugal	18. Glossary and Credits
	9. Spain	
	10. Quiz 2: Portugal and Spain	
Unit 6: The Age of Revolution		
World History	Assignments	
	1. English Revolution: Divine Right (Cavaliers)	11. French Revolution: Old Regime
	2. English Revolution: Divine Right (Roundheads)	12. French Revolution: New Leadership
	3. English Revolution: People's Choice	13. Report: Napoleon*
	4. Quiz 1: English Revolution	14. Report: Napoleon and Modern Society
	5. American Revolution: British Background	15. Quiz 3: French Revolution
	6. Report: Boston Tea Party*	16. Special Project*
	7. American Revolution: American Frontier	17. Test: The Age of Revolution
	8. Report: 1770s Colonist*	18. Alternate Test: The Age of Revolution*
	9. Report: Constitution	19. Glossary and Credits
	10. Quiz 2: American Revolution	
Unit 7: The Industrial Revolution		
World History	Assignments	
	1. England: Sparks of Preparation	9. Social Changes: Positive Contributions
	2. England: Fires of Continuation	10. Report: Socialism or Free Enterprise
	3. Quiz 1: Industrial Revolution in England	11. Quiz 3: Social Changes of the Industrial Revolution
	4. United States: Industrial Climate	12. Special Project*
	5. United States: Industrial Progress	13. Test: The Industrial Revolution
	6. Report: Industrial Revolution Biography	14. Alternate Test: The Industrial Revolution*
	7. Quiz 2: Industrial Revolution in the United States	15. Glossary and Credits
	8. Social Changes: Negative Drawbacks	

Unit 8: Two World Wars		
World History	Assignments	
	1. World War I: Mounting Tensions	13. World War II: Battle Fronts
	2. World War I: Erupting Conflicts	14. Report: Allied Battle Strategy
	3. World War I: Counter-Aggression	15. World War II: Battles in the Pacific
	4. Quiz 1: World War I	16. Peace Efforts
	5. The Russian Revolution: 1905	17. Unification
	6. The Russian Revolution: 1917	18. Report: Twentieth Century
	7. Peace Initiative	19. Quiz 3: World War II
	8. Post-War Attitudes	20. Special Project*
	9. Report: Comfort in the Depression*	21. Test: A Revolution and Two World Wars
	10. Power Quests	22. Alternate Test: A Revolution and Two World Wars*
	11. Military Aggression	23. Glossary and Credits
	12. Quiz 2: Between the Wars	
Unit 9: The Contemporary World		
World History	Assignments	
	1. Origins of the Cold War	12. South America
	2. United Nations and the Marshall Plan	13. Quiz 2: The Western Hemisphere Today
	3. Report: The United Nations	14. Europe
	4. The Course of the Cold War	15. Africa
	5. The Vietnam War and Invasions	16. Asia
	6. The End of the Cold War	17. The Far East and Australia
	7. Report: The Cold War	18. Quiz 3: The Eastern Hemisphere Today
	8. Quiz 1: The Cold War	19. Special Project*
	9. North America	20. Test: The Contemporary World
	10. Central America and the Caribbean Islands	21. Alternate Test: The Contemporary World*
	11. Report: Central American Governments*	22. Glossary and Credits
Unit 10: Ancient Times to the Present		
World History	Assignments	
	1. Ancient Civilizations	11. Quiz 2: The Renaissance and Reformation
	2. Greeks, Romans, and Other Ancient Cultures	12. The Modern World: Revolutions
	3. Medieval Times: Invasions and Feudalism	13. The Industrial Revolution
	4. Medieval Culture and the Church	14. Two World Wars and Attempts at Peace
	5. Quiz 1: Ancient Civilizations and Medieval Times	15. Current Events
	6. Politics of the Renaissance	16. Quiz 3: The Modern World
	7. Art and Sciences of the Renaissance	17. Special Project*
	8. The Reformation	18. Test: Ancient Times to the Present
	9. Absolutism	19. Alternate Test: Ancient Times to the Present*
	10. Exploration	20. Glossary and Credits

English II

English II continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students how to comprehend and appreciate poetry, drama, nonfiction, and fiction; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative prose; guides students through readings of the allegory *Everyman* and Sheldon's *In His Steps*, as well as selections of and excerpts from well-known poetry and short stories.
- **Writing**—develops students' understanding of complex sentence and paragraph structures, providing hands-on experience with connectives, transitions, phrases, and clauses; teaches language history and etymology to help students build on knowledge of grammar and word structures; expands on students' vocabulary skills; gives students the opportunity to develop their abilities in writing a set of instructions, a literary critique, a poem, a short story, and a speech.
- **Speaking**—offers students experience in delivering a speech; teaches skills that enable students to become effective speakers and communicators, weaving the skills throughout the course.
- **Listening**—teaches effective listening comprehension skills, integrating these throughout the lessons.
- **Special Topics**—incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

Curriculum Contents

Reading Comprehension Skills

- Context
- Denotation, Connotation, and Symbolism
- Elements of Narrative Prose
- Reading Narrative Nonfiction
- Reading Fiction
- Reading Poetry
- Reading Skills—Analysis, Evaluation, and Interpretation
- Strategies for Comprehension—Making Inferences and Identifying Main Ideas

Composition

- Paragraph Elements and Structure—Connectives and Transitions
- Writing Expository Prose—Process
- Writing Instructions
- Writing a Literary Critique
- Writing a Poem
- Writing a Poetry Analysis
- Writing a Short Story
- Writing a Speech

Grammar and Usage

- Development of English—Grammar, Spelling, Pronunciation, and Vocabulary
- Levels of Language Use—Degrees of Formality
- Nouns—Noun Plurals
- Pronouns—Types, Gender, Case, and Pronoun-Antecedent Agreement
- Sentence Structure—Clauses, Phrases, and Compound/Complex Sentences

Literature Studies

- Drama—Allegory, Structure, and Elements

- Fiction—Genre/Type, Structure, Elements, and Modes
- History of Drama—Greek/Roman Plays and Medieval Drama
- History of Novels—Oral Tradition, Novel Prototypes, and Early Novels
- History of Short Stories
- Nonfiction—Genre/Type, Structure, and Elements
- Poetry—Genre/Type, Structure, Elements, and Literary Devices

Speaking and Listening

- Listening Skills—Elements, Common Errors, and Strategies
- Oral Reading
- Speaking Skills—Elements, Purpose, Organization, and Delivery

Spelling

- Nouns—Plural and Possessive

Vocabulary Building

- Dictionary Skills
- Etymology
- Roots, Prefixes, and Suffixes
- Word Relationships—Synonyms

Special Topics

- English Variations—American, British, and Regional Dialects
- Origin/Development of Language—Indo-European, Old and Middle English, Renaissance, and American English
- Research Skills—Internet, and Library
- Study Skills—Note Taking

Literature List

Following are literary works students will encounter in English II.

Drama

- *Everyman*

Fiction

- de Maupassant, Guy. "The Necklace"
- Sheldon, Charles. *In His Steps*
- Stockton, Frank. "The Lady, or the Tiger?"
- Twain, Mark. "The Celebrated Frog of Calaveras County"

Nonfiction

- Bradford, William. *History of Plymouth Plantation* (excerpt)

Poetry

- Donne, John. "Holy Sonnet XV"
- Blake, William. "The Tyger"
- Dickinson, Emily. "There is No Frigate Like a Book"
- Houseman, A.E. "Is My Team Ploughing?"
- Tennyson, Alfred. "The Eagle"
- Shelley, Percy. "Ozymandias"
- Wylie, Elinor. "Velvet Shoes"

Unit 1: Language Structure		
English II	Assignments	
	1. Course Overview	16. Pronoun/Antecedent Agreement
	2. Forming Noun Plurals (1)	17. Pronoun Reference
	3. Forming Noun Plurals (2)	18. Adjective Clauses
	4. Forming Noun Plurals (3)	19. Adverb Clauses
	5. Forming Noun Plurals (4)	20. Noun Clauses
	6. Forming Noun Plurals (5)	21. Quiz 3: Clauses and Pronoun Reference
	7. Understanding Suffixes	22. Documentation
	8. Adding Suffixes	23. Works Cited
	9. Word Use and Suffixes	24. Parenthetical Citation
	10. Quiz 1: Noun Plurals and Suffixes	25. Documentation Review
	11. Relative and Interrogative Pronouns	26. Special Project*
	12. Demonstrative and Indefinite Pronouns	27. Test: Language Structure
	13. Personal Pronouns	28. Alternate Test: Language Structure*
	14. Gender and Case in Pronouns	29. Reference
	15. Quiz 2: Pronouns	
Unit 2: Writing Effective Sentences		
English II	Assignments	
	1. Principal Parts and Participles	11. Quiz 2: Phrases
	2. Participles	12. Simple Sentences
	3. Infinitives	13. Compound Sentences
	4. Gerunds	14. Complex Sentences
	5. Quiz 1: Verbals	15. Essay: Effective Writing
	6. Adjective Phrases	16. Quiz 3: Sentences
	7. Adverb Phrases	17. Special Project*
	8. Appositive Phrases and Direct Address	18. Test: Writing Effective Sentences
	9. Participial and Gerund Phrases	19. Alternate Test: Writing Effective Sentences*
	10. Infinitive Phrases	20. Reference

Unit 3: Writing and Reading Skills		
English II	Assignments	
	1. Elements of the Sentence	17. Project: Analyzing Expository Writing
	2. Elements of the Paragraph	18. Understanding Relationships
	3. Connectives and Transitions	19. Essay: Logic
	4. Essay: Using Connectives*	20. Essay: Expository Essay*
	5. Development of Paragraphs	21. Quiz 3: Reading Skills
	6. Essay: Paragraphs	22. Value, Nature, and Role of Oral Reading
	7. Essay: Using Change of Focus*	23. Skills of Oral Reading
	8. Quiz 1: Sentences and Paragraphs	24. Preparation for Oral Reading
	9. Exposition: Instructions	25. Project: Oral Reading*
	10. Project: How-to Evaluation	26. Project: Abridged Reading*
	11. Essay: How-to	27. Quiz 4: Oral Reading
	12. Exposition: Events, Ideas, and Biography	28. Special Project*
	13. Essay: Biography*	29. Test: Writing and Reading Skills
	14. Quiz 2: Elements of Exposition	30. Alternate Test: Writing and Reading Skills*
	15. Recognizing Main Ideas	31. Reference
	16. Advanced Reading Skills	
Unit 4: Speaking and Listening		
English II	Assignments	
	1. Selecting and Limiting a Topic	10. Critical Listening
	2. Choosing the Language (1)	11. Essay: Taking Notes
	3. Choosing the Language (2)	12. Essay: Commercials*
	4. Essay: Writing a Speech	13. Quiz 2: Critical Listening
	5. The Speech	14. Special Project*
	6. Project: Giving the Speech*	15. Test: Speaking and Listening
	7. Quiz 1: Speaking	16. Alternate Test: Speaking and Listening*
	8. The Nature of Listening	17. Reference
	9. Listening for Main Ideas	

Unit 5: The Development of English

Assignments

- | | | |
|------------|--|---|
| English II | <ol style="list-style-type: none"> 1. Changes in Language 2. Changes in Vocabulary 3. Changes in Meaning 4. Etymology 5. History of Words 6. Project: Names 7. Connotations and Propaganda 8. Project: Identifying Propaganda* 9. Quiz 1: Etymology 10. Changes in Pronunciation and Spelling 11. Morphemes 12. Inflections 13. Syntax and Word Relationships 14. Quiz 2: Changes in Language 15. Angles and Saxons 16. Norman Invasion 17. The Renaissance | <ol style="list-style-type: none"> 18. Elizabethan English and the Age of Reason 19. Colonization of America 20. Westward Movement/Industrial Revolution 21. Quiz 3: The Development of English 22. Varieties of English: American and British 23. American Regional Dialects 24. Essay: Varieties 25. Nonstandard and Standard English 26. Project: Advertising* 27. Essay: Newspaper 28. Essay: Future Language* 29. Quiz 4: Varieties of English 30. Special Project* 31. Test: The Development of English 32. Alternate Test: The Development of English* 33. Reference |
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Unit 6: The Short Story

Assignments

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| English II | <ol style="list-style-type: none"> 1. Short Story Elements 2. Celebrated Jumping Frog of Calaveras County 3. The Lady, or the Tiger? 4. Essay: The Lady, or the Tiger?* 5. The Necklace 6. Essay: The Necklace 7. Quiz 1: Short Story Elements 8. Writing About Literature 9. Project: Outline 10. Writing a Literary Critique 11. Project: Preparing a Critique | <ol style="list-style-type: none"> 12. Essay: Critique 13. Quiz 2: Writing About Literature 14. Writing a Short Story 15. Project: Preparing a Short Story 16. Essay: Writing a Short Story 17. Quiz 3: Using Writing Skills 18. Special Project* 19. Test: The Short Story 20. Alternate Test: The Short Story* 21. Reference |
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Unit 7: Studies in the Novel

Assignments

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| English II | <ol style="list-style-type: none"> 1. Development of the Novel 2. Drama and the Novel 3. The Novelist and His Novel 4. The Novelist and His Selection 5. The Novelist and His Limits 6. The Novelist: His Values and Detachment 7. Quiz 1: The Novelist and the Novel 8. Novel and Plot 9. Character, Symbol, and Mood 10. Essay: Maxwell* | <ol style="list-style-type: none"> 11. Essay: Raymond 12. Quiz 2: In His Steps 13. The Critical Essay 14. Essay: Preparing the Review 15. Essay: Writing the Review 16. Quiz 3: The Critical Essay 17. Special Project* 18. Test: Studies in the Novel 19. Alternate Test: Studies in the Novel* 20. Reference |
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Unit 8: Drama		
English II	Assignments	
	1. Greek Drama	11. Everyman: Virtues (670-787)
	2. Roman Drama and Dramatic Elements	12. Everyman: Virtues Lost (788-861)
	3. Quiz 1: Understanding Drama	13. Everyman: Epilogue (862-922)
	4. Oral Interpretation and Christian Drama	14. Essay: Everyman
	5. Everyman: Prologue (1-203)	15. Quiz 2: Everyman
	6. Everyman: Fellowship (204-316)	16. Special Project*
	7. Everyman: Kindred and Cousin (317-390)	17. Test: Drama
	8. Everyman: Goods (391-462)	18. Alternate Test: Drama*
	9. Everyman: Good Deeds (463-521)	19. Reference
	10. Everyman: Knowledge and Confession (522-670)	
Unit 9: Poetry		
English II	Assignments	
	1. Poetic Form and Rhyme	8. Project: Poem Analysis
	2. Meter and Diction	9. Project: Writing a Poem
	3. Imagery and Figurative Language	10. Quiz 2: Poetic Meaning
	4. Figurative Language and Sound Effects	11. Special Project*
	5. Quiz 1: Elements of Poetry	12. Test: Poetry
	6. Literal Meaning	13. Alternate Test: Poetry*
	7. Figurative and Symbolic Meaning	14. Reference
Unit 10: Review		
English II	Assignments	
	1. The Development of English	19. Project: Cutting
	2. English Usage	20. Listening to a Speech
	3. Noun Plurals	21. Essay: Evaluating*
	4. Suffixes	22. Quiz 2: Speaking and Listening
	5. Verbals and Phrases	23. Reading for Meaning
	6. Subordinate Clauses	24. Reading and Experiencing Poetry
	7. Pronouns	25. Interpreting Poetry
	8. Sentence Types	26. Reading Drama
	9. Organizing Paragraphs	27. Everyman
	10. Project: Paragraph	28. Short Story Elements
	11. Punctuating Ideas	29. Reading Short Stories
	12. Writing Compositions	30. Reading a Novel
	13. Essay: Critique	31. Essay: In His Steps*
	14. Quiz 1: English and Writing	32. Quiz 3: Literature
	15. Preparing a Speech	33. Special Project*
	16. Writing and Delivering a Speech	34. Test: Review
	17. Project: Speech*	35. Alternate Test: Review*
	18. Reading Literature to an Audience	36. Reference

Geometry

Geometry is a full year, high school math course for the student who has successfully completed the prerequisite course, Algebra I. The course focuses on the skills and methods of linear, coordinate, and plane geometry. In it, students will gain solid experience with geometric calculations and coordinate plane graphing, methods of formal proof, and techniques of construction.

By the end of the course, students will be expected to do the following:

- Understand defined terms, axioms, postulates, and theories.
- Apply rules of formal logic and construct proofs in two-column format.
- Know how to solve for angles given parallels, perpendiculars, and transversals.
- Demonstrate how to solve for sides and angles of triangles, quadrilaterals, and polygons.
- Understand trigonometric ratios and know how to use them to solve for unknown sides and angles in given triangles as well as application word problems.
- Be able to determine arcs, chords, and sectors of circles.
- Calculate perimeter, area, and volume of figures and solids.
- Graph lines and determine slopes, midpoints, and distances.
- Make geometric constructions on paper.
- Represent results of motion geometry (translation, rotation, reflection, dilation).

Unit 1: Introduction		
Geometry	Assignments	
	1. Course Overview	11. Geometric Postulates
	2. Mathematic System: Set Theory Review	12. Review of Algebraic Postulates
	3. Mathematic System: Operations with Sets	13. Geometric Theorems
	4. Quiz 1: Set Theory	14. Review of Properties of Algebra
	5. Geometry Undefined Terms: Point	15. Quiz 4: Postulates and Theorems
	6. Geometry Undefined Terms: Line	16. Special Project*
	7. Geometry Undefined Terms: Plane	17. Test
	8. Quiz 2: Undefined Terms	18. Alternate Test*
	9. Defined Terms: Definitions	19. Glossary and Credits
	10. Quiz 3: Defined Terms	
Unit 2: Logic		
Geometry	Assignments	
	1. Logic	12. Proof Formats: Statement of the Theorem
	2. Conjunctions	13. Proof Formats: The Figure
	3. Disjunctions	14. Proof Formats: The Given Statement
	4. Negation	15. Proof Formats: To Prove Statement
	5. Conditional or Implication Statements	16. Proof Formats: The Plan of the Proof
	6. Converse, Inverse, Contrapositive	17. Indirect Proof Format: The Paragraph Proof
	7. Quiz 1: Principles of Logic	18. Quiz 3: Proof Formats
	8. Inductive Reasoning	19. Special Project*
	9. Deductive Reasoning	20. Test
	10. Using Deductive Reasoning	21. Alternate Test*
	11. Quiz 2: Inductive and Deductive Reasoning	22. Glossary and Credits

Unit 3: Angles and Parallels		
Geometry	Assignments	
	1. Angle Definitions	15. Quiz 3: Parallels and Transversals
	2. Angle Measurement	16. Construction: Perpendiculars
	3. Quiz 1: Angles	17. Construction: Tangents to Circles
	4. Angle Relationship Definitions	18. Construction: Parallels
	5. Angle Relationship Theorems (1)	19. Classifying Triangles by Sides and Angles
	6. Angle Relationship Theorems (2)	20. Exterior and Remote Interior Angles of a Triangle
	7. Quiz 2: Angle Theorems	21. Proofs Involving Triangles
	8. Construction: Copying Figures	22. Other Polygons
	9. Construction: Bisecting Figures	23. Quiz 4: Triangles, Polygons, and Angle Properties
	10. Basic Properties of Parallels	24. Special Project*
	11. Transversals and Special Angles	25. Test
	12. More Proofs: Transversals and Special Angles	26. Alternate Test*
	13. Continued Proofs: Transversals and Special Angles	27. Glossary and Credits
	14. More Proofs for Postulates 9 and 10	

Unit 4: Congruent Triangles and Quadrilaterals		
Geometry	Assignments	
	1. Defining Congruent Triangles	16. Inequality Theorem in One Triangle Part 2
	2. Proving Triangles Congruent (1)	17. Inequality Theorem in Two Triangles
	3. Proving Triangles Congruent (2)	18. Quadrilateral Parallelograms Theorems Part 1
	4. Proving Right Triangles Congruent	19. Quadrilateral Parallelograms Theorems Part 2
	5. Quiz 1: Congruent Triangles	20. Quiz 3: Inequalities; Quadrilaterals
	6. Independent Triangles (1)	21. Triangles that Use Parallelograms in Proofs
	7. Independent Triangles (2)	22. Parallelograms: Rectangles
	8. Overlapping Triangles (1)	23. Parallelograms: Rhombus
	9. Overlapping Triangles (2)	24. Trapezoids-Definitions and Proofs
	10. Isosceles Triangles (1)	25. Quiz 4: Parallelograms; Trapezoids
	11. Isosceles Triangles (2)	26. Special Project*
	12. Construction of Triangles 30-60-90	27. Test
	13. Construction of Triangles 45-45-90	28. Alternate Test*
	14. Quiz 2: Types of Triangles	29. Glossary and Credits
	15. Inequality Theorem in One Triangle Part 1	

Unit 5: Similar Polygons		
Geometry	Assignments	
	1. Algebra and Ratios	15. Using Triangles: Rectangular Solids
	2. Algebra Properties and Proportions	16. Using Triangles: Regular Square Pyramid
	3. Properties of Proportions	17. Trigonometry-Sine Ratio
	4. Quiz 1: Ratios, Properties, and Proportions	18. Trigonometry-Cosine Ratio
	5. Meaning of Similarity	19. Trigonometry-Tangent Ratio
	6. Meaning of Similarity-Theorems	20. Using Similar Triangles in Indirect Measurement
	7. Meaning of Similarity-Proofs	21. Using Trigonometry in Indirect Measure
	8. Theorems-Similar Polygons	22. Quiz 3: Triangles and Trigonometry
	9. Theorems-Special Segments in Triangles	23. Project: Model and Scale Drawing
	10. Similar Right Triangles	24. Special Project*
	11. The Pythagorean Theorem	25. Test
	12. Theorem about 30-60-90 Right Triangles	26. Alternate Test*
	13. Theorem about 45-45-90 Right Triangles	27. Glossary and Credits
	14. Quiz 2: Similarity; Triangle Theorems	
Geometry	Unit 6: Semester Review and Exam	
	Assignments	
	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*
Unit 7: Circles		
Geometry	Assignments	
	1. Characteristics of Circles	11. Special Angles Type 2
	2. Characteristics of Spheres	12. Special Angles Type 3
	3. Quiz 1: Circles and Spheres	13. Special Segments
	4. Tangents	14. Quiz 3: Special Angles and Segments
	5. Arcs	15. Construction: Circles
	6. Chords	16. Special Project*
	7. Theorems (1)	17. Test
	8. Theorems (2)	18. Alternate Test*
	9. Quiz 2: Tangents, Arcs, and Chords	19. Glossary and Credits
	10. Special Angles Type 1	

Unit 8: Area and Volume		
Geometry	Assignments	
	1. Area Concepts of Polygons	15. Solids: Prisms
	2. Area of Rectangles	16. Solids: Pyramids
	3. Area of Parallelograms	17. Solids: Cylinders
	4. Area of Triangles and Rhombuses	18. Solids: Cones
	5. Area of Trapezoids	19. Solids: Spheres
	6. Area of Regular Polygons	20. Quiz 3: Volume of Solids
	7. Area Comparisons of Polygons	21. Construction: Dividing a Segment
	8. Quiz 1: Area of Polygons	22. Construction: 4th Proportion
	9. Construction: Polygons	23. Construction: The Geometric Mean
	10. Circles: Circumference and PI	24. Special Project*
	11. Circles: Area of Circles	25. Test
	12. Circles: Area of Sectors	26. Alternate Test*
	13. Circles: Area of Segments	27. Glossary and Credits
	14. Quiz 2: Area of Circles	
Unit 9: Coordinate Geometry		
Geometry	Assignments	
	1. Symmetry	11. Equations of Lines
	2. Ordered Pairs: Points in a Plane	12. Quiz 3: Slope and Lines
	3. Graphs of Algebraic Sentences	13. Figures in the Coordinate Plane
	4. Quiz 1: Symmetry, Ordered Pairs, and Graphs	14. Proofs with Coordinate Geometry (1)
	5. Distance Formula	15. Proofs with Coordinate Geometry (2)
	6. Equation of a Circle	16. Quiz 4: Figures and Proofs
	7. Midpoint Formula	17. Special Project*
	8. Quiz 2: Distance Formula and Applications	18. Test
	9. Slope	19. Alternate Test*
	10. Parallel and Perpendicular Lines	20. Glossary and Credits
Unit 10: Transformations		
Geometry	Assignments	
	1. Introduction: Rigid Motion, or Isometry	8. Inverse and Identity Transformation
	2. Isometry: Reflection	9. Quiz 2: Transformations
	3. Isometry: Translation	10. Special Project*
	4. Isometry: Rotation	11. Test
	5. Quiz 1: Isometry	12. Alternate Test*
	6. Dilation: Congruence and Similarity	13. Glossary and Credits
	7. Product Transformation	

Geometry	Unit 11: Review	
	Assignments	
	1. Geometry as a System	9. Area and Volume
	2. Geometry Proofs	10. Coordinate Geometry
	3. Angle Relationships and Parallels	11. Quiz 3: Review: Units 7,8,10
	4. Quiz 1: Review: Units 1-3	12. Special Project*
	5. Congruent Triangles and Quadrilaterals	13. Test
	6. Similar Polygons	14. Alternate Test*
	7. Circles	15. Glossary and Credits
	8. Quiz 2: Review: Units 4,5,7	
Geometry	Unit 12: Semester Review and Exam	
	Assignments	
	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*
Geometry	Unit 13: Final Exam	
	Assignments	
	1. Final Exam	3. Alternate Exam - Form B*
	2. Alternate Exam - Form A*	

Biology

Biology is intended to expose students to the designs and patterns of living organisms that have been created by God. In preceding years, students should have developed a foundational understanding of life sciences. This biology course will expand upon that knowledge and incorporate more abstract knowledge. The student's understanding should encompass both the micro and macro aspects of life and this biology course includes both. The major concepts covered are taxonomy, the chemical basis of life, cellular structure and function, genetics, microbiology, botany, human anatomy and physiology, and ecological principles.

Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Biology should be preceded or accompanied by an Algebra I course.

Upon completion of the course, students should be able to do the following:

- Classify different animals using taxonomy.
- Demonstrate a knowledge of molecular structure as it relates to organic compounds.
- Use a microscope to study microscopic organisms.
- Describe cells, their different parts, and the function of a cell.
- Discuss the different parts of a plant.
- Describe and explain the function of each system in the human body.
- Perform Punnett square functions to determine probability of inheritance.
- Differentiate between mitosis and meiosis and between asexual and sexual reproduction.
- Understand the impact man has on the environment.

Unit 1: Taxonomy: Key to Organization	
Assignments	
1. Course Overview	12. Quiz 3
2. The History of Taxonomy	13. Taxonomy and Origins
3. Quiz 1	14. Models of Origin
4. Binomial Nomenclature	15. Project: Research
5. Concept of Species	16. Project: Origins*
6. Quiz 2	17. Quiz 4
7. Plant and Animal Classification	18. Special Project*
8. Experiment: Fruit	19. Test
9. Activity: Keying Plants*	20. Alternate Test*
10. Activity: Keying Animals*	21. Reference
11. Search For A System	

Unit 2: Chemistry of Life		
Biology	Assignments	
	1. Molecular Basis of Life	14. Carbohydrates
	2. Quiz 1	15. Experiment: Starch*
	3. Properties of Compounds	16. Lipids
	4. Experiment: Static Electricity	17. Nucleic Acids
	5. Covalent Bonding	18. Quiz 4
	6. Experiment: Temperature Control*	19. Enzymes
	7. Importance of Inorganic Compounds	20. Experiment: Digestion*
	8. Experiment: Water Properties	21. Quiz 5
	9. Experiment: Indicators*	22. Special Project*
	10. Quiz 2	23. Test
	11. Chemical Reactions	24. Alternate Test*
	12. Quiz 3	25. Reference
	13. Organic Compounds	
Biology	Unit 3: Cells	
	Assignments	
	1. The Cell - An Introduction	11. Organelles
	2. The Microscope	12. Production of Needed Material
	3. Experiment: Introducing the Microscope	13. Quiz 2
	4. Experiment: Plant, Animal, and Algae Cells	14. Cells in Organisms
	5. Experiment: Onion Cells*	15. Experiment: Tissues*
	6. Quiz 1	16. Quiz 3
	7. Cell Design	17. Special Project*
	8. Cell Membrane Function	18. Test
	9. Project: Virtual Lab - Osmosis	19. Alternate Test*
	10. Experiment: Osmosis	20. Reference
Biology	Unit 4: Cell Division and Reproduction	
	Assignments	
	1. Cell Division	16. Quiz 3
	2. Meiosis	17. Sexual Reproduction in Animals
	3. Stages of Mitosis	18. Experiment: Tissue Structure
	4. Experiment: Mitosis	19. Metamorphosis
	5. Quiz 1	20. Quiz 4
	6. Asexual Reproduction	21. Sexual Reproduction in Plants
	7. Experiment: Regeneration*	22. Life Cycles of Ferns and Pines
	8. Plants	23. Experiment: Ferns and Pines*
	9. Experiment: Bulb Structure*	24. Experiment: Flowers*
	10. Practical Applications in Plants	25. Quiz 5
	11. Experiment: Cuttings*	26. Special Project*
	12. Quiz 2	27. Test
	13. Sexual Reproduction	28. Alternate Test*
	14. Fertilization	29. Reference
	15. Experiment: Sexual Reproduction*	

Unit 5: Genetics: God's Plan of Inheritance		
Biology	Assignments	
	1. Genetics: God's Plan of Inheritance	12. Experiment: Molecular Genetics
	2. Probabilities	13. Quiz 3
	3. Experiment: Probability	14. Human Genetics
	4. Cross Predictions	15. Factors Studied
	5. Application of Mendelian Genetics	16. Inherited Diseases
	6. Quiz 1	17. Quiz 4
	7. Chromosome Basis of Heredity	18. Special Project*
	8. Chromosomes in Meiosis	19. Test
	9. Sex Chromosomes	20. Alternate Test*
	10. Quiz 2	21. Reference
	11. Molecular Genetics	
Unit 6: Microbiology		
Biology	Assignments	
	1. Microbial Taxonomy	12. Eubacteria
	2. Fungi	13. Activity: Pathogenic Bacteria Report
	3. Experiment: Fungus All Around (Part 1)	14. Archaea
	4. Experiment: Fungus All Around (Part 2)	15. Viruses, Prions, and Viroids
	5. Quiz 1: Microbial Taxonomy and Fungi	16. Experiment: Algae Observations
	6. Animal-like Protists	17. Quiz 4: Eubacteria, Archaea, Viruses, Prions, and Viroids
	7. Experiment: Protozoan Culture	18. Special Project*
	8. Quiz 2: Animal-like Protists	19. Test: Microbiology
	9. Plant-like Protists (Algae)	20. Alternate Test*: Microbiology
	10. Fungus-like Protists	21. Reference
	11. Quiz 3: Plant- and Fungus-like Protists	
Unit 7: Plants: Green Factories		
Biology	Assignments	
	1. How Is a Plant Made?	11. Experiment: Terrarium*
	2. Parts of the Plant Cell	12. Respiration
	3. Anatomy and Morphology	13. Quiz 3
	4. Quiz 1	14. How do Plants Help People?
	5. How do Plants Grow?	15. Quiz 4
	6. Experiment: Seeds	16. Special Project*
	7. Developmental Anatomy	17. Test
	8. Quiz 2	18. Alternate Test*
	9. How do Plants Work?	19. Reference
	10. Photosynthesis: A Closer Look	

Unit 8: Human Anatomy and Physiology		
Biology	Assignments	
	1. Digestive System	12. Quiz 2
	2. Excretory System	13. Environmental Interactions
	3. Respiratory System	14. Sensory Systems: The Eye
	4. Circulatory System	15. Sensory Systems: Hearing, Taste, Touch
	5. The Heart	16. Endocrine System
	6. Experiment: Heart Rate	17. Immune System and Disease
	7. Quiz 1	18. Quiz 3
	8. Body Framework	19. Special Project*
	9. Muscular System	20. Test
	10. Experiment: Muscle Types*	21. Alternate Test*
	11. Reproductive System	22. Reference
Unit 9: Ecology, Pollution, and Energy		
Biology	Assignments	
	1. Principles of Ecology	12. Pollution Affects Ecology
	2. Environmental Factors	13. Pollution Problems
	3. Food Chains	14. Quiz 3
	4. Quiz 1	15. Energy Affects Ecology
	5. Ecological Relationships	16. Essay: Stewardship
	6. Communities and Habitats	17. Quiz 4
	7. Experiment: Habitats	18. Special Project*
	8. Experiment: Biomes*	19. Test
	9. Experiment: Quadrats*	20. Alternate Test*
	10. Experiment: Inventory*	21. Reference
	11. Quiz 2	
Unit 10: Principles and Applications of Biology		
Biology	Assignments	
	1. Study of Life	8. Applications of Biology
	2. Definition of Life	9. Green Revolution
	3. Quiz 1	10. Quiz 3
	4. Basic Principles of Life	11. Special Project*
	5. Control System	12. Test
	6. Environment of Life	13. Alternate Test*
	7. Quiz 2	14. Reference

11th Grade

Bible Doctrine

Bible Doctrine provides a developmental and in-depth academic study of the teachings of the Old and New Testaments, focusing on important topics including the faithfulness of God; the doctrine of Christ; the nation of Israel; the history and integrity of the Bible; the pursuit of happiness; and friendship, dating, and marriage. There is also a special emphasis on the book of Romans. These areas target four content strands: theology, the attributes of God, Christian growth, and Christian evidences.

Objectives

- Explain the meaning of God's faithfulness to His people.
- Identify the key themes for understanding the book of Romans.
- Discuss the unique features of Christ's person and work.
- Describe the development and role of the nation of Israel.
- Describe the development of the Old and New Testaments into one book.
- Identify the essential components of successful relationships.
- Know how to avoid the failures of Solomon's pursuit of happiness.
- Answer critics concerning the truthfulness of the Bible.

Unit 1: The Faithfulness of God		
Bible Doctrine	Assignments	
	1. Course Overview	11. The Work of the Faithful High Priest
	2. The Affirmation of God's Faithfulness	12. Quiz 3: Manifestations of God's Faithfulness
	3. The Declaration of God's Faithfulness	13. The Implications of God's Faithfulness
	4. Essay: God's Faithfulness	14. The Responsibility of Faithfulness
	5. Quiz 1: The Affirmation of God's Faithfulness	15. Quiz 4: Implications of God's Faithfulness
	6. The Nature of God's Faithfulness	16. Special Project*
	7. The Contrasts to God's Faithfulness	17. Test
	8. Quiz 2: The Nature of God's Faithfulness	18. Alternate Test*
	9. The Manifestations of God's Faithfulness	19. Reference
	10. The Message of the Faithful Witness	

Unit 2: Romans Part I		
Bible Doctrine	Assignments	
	1. Roman Empire: Politics	9. Quiz 2: Paul's Epistle to the Romans
	2. Roman Empire: Population	10. The Way According to Romans
	3. The Roman Church	11. Salvation
	4. The Book of Romans	12. Quiz 3: The Way According to Romans
	5. Quiz 1: Historical Background of The Roman Empire	13. Special Project*
	6. Paul's Epistle to the Romans	14. Test
	7. State of Condemnation	15. Alternate Test*
	8. State of Justification	16. Reference

Unit 3: Romans Part II		
Bible Doctrine	Assignments	
	1. Children of Choice	9. From Sin to Salvation
	2. Unrighteousness and the Gentiles	10. From Salvation to Sanctification
	3. Quiz 1: Children of Choice	11. From Glory to Glory
	4. Service	12. Quiz 3: Roman Victory
	5. Submission	13. Special Project*
	6. Conduct	14. Test
	7. Essay: Conduct	15. Alternate Test*
	8. Quiz 2: Principles In Practice	16. Reference

Unit 4: The Doctrine of Jesus Christ		
Bible Doctrine	Assignments	
	1. The Deity of Jesus	7. Essay: Christ's Ministry
	2. The Names of Jesus	8. Quiz 2: The Work of Jesus Christ
	3. The Incarnation of Jesus	9. Special Project*
	4. Quiz 1: The Person of Jesus Christ	10. Test
	5. The Work of Jesus	11. Alternate Test*
	6. After the Cross	12. Reference

Unit 5: The Nation of Israel		
Bible Doctrine	Assignments	
	1. The Abrahamic Covenant	9. The Archaeological Discoveries (1)
	2. God's Fulfillment (1)	10. The Archaeological Discoveries (2)
	3. God's Fulfillment (2)	11. Quiz 3: The Archaeological Discoveries
	4. Quiz 1: The Abrahamic Covenant	12. Memory Verse Quiz
	5. The Significance of the Hebrew Nation (1)	13. Special Project*
	6. The Significance of the Hebrew Nation (2)	14. Test
	7. Spiritual Significance	15. Alternate Test*
	8. Quiz 2: The Significance of the Hebrew Nation	16. Reference

Unit 6: The History of the Canon		
Bible Doctrine	Assignments	
	1. The Doctrine of the Bible	10. Quiz 2: The Formation of the Bible
	2. Inspiration	11. The Recognition of the Scriptures
	3. Authority	12. Canonicity of the New Testament
	4. Illumination and Interpretation	13. Quiz 3: The Recognition of the Scriptures
	5. Quiz 1: The Doctrine of the Bible	14. Special Project*
	6. The Formation of the Bible	15. Test
	7. Formation of the Old Testament	16. Alternate Test*
	8. Formation of the New Testament	17. Reference
	9. Report: Inspiration	

Unit 7: Friendship, Dating, and Marriage		
Bible Doctrine	Assignments	
	1. The Definition of Friendship	10. The Origin of Marriage
	2. The Possibility for Friendship	11. What is Marriage?
	3. The Responsibilities in Friendship	12. The Purpose and Structure of Marriage
	4. Report: Interview*	13. Quiz 3: Marriage
	5. Quiz 1: Friendship	14. Special Project*
	6. What is Dating?	15. Test
	7. Report: Dating Definition	16. Alternate Test*
	8. The Challenges in Dating	17. Reference
	9. Quiz 2: Dating	

Unit 8: The Pursuit of Happiness		
Bible Doctrine	Assignments	
	1. Reversion	7. Recovery
	2. Solomon's Sin	8. Quiz 2: Results
	3. Quiz 1: Reversion	9. Special Project*
	4. Results (1)	10. Test
	5. Results (2)	11. Alternate Test*
	6. God's Solution	12. Reference

Unit 9: Apologetics		
Bible Doctrine	Assignments	
	1. Questions About the Integrity of the Bible	10. Interpretation and Application of the Bible
	2. Scientific Accuracy	11. Practice and Experience
	3. Quiz 1: Questions About the Integrity of the Bible	12. Quiz 3: The Interpretation and Application of the Bible
	4. Questions About the Doctrines of the Bible	13. Special Project*
	5. Miracles	14. Test
	6. Creation; Evil; Divine Silence	15. Alternate Test*
	7. Unevangelized People	16. Reference
	8. Essay: C.S. Lewis	
	9. Quiz 2: Questions About the Doctrines of the Bible	

Unit 10: Review		
Bible Doctrine	Assignments	
	1. The Means and Purpose of Revelation	13. The Revelation of God in the Bible
	2. Preparation of the Revelation	14. The Revelation of God's Righteousness
	3. The Formation of the Bible	15. The Life of Christ
	4. Canonicity/ Findings of Archaeology	16. Quiz 4: The Revelation of God in the Bible
	5. Report: Ebla Tablets	17. Principles for Christian Living
	6. Quiz 1: The Uniqueness of The Bible	18. Principles for Spiritual Maturity
	7. The Book of Romans (Part 1)	19. Quiz 5: Principles for Christian Living
	8. The Book of Romans (Part 2)	20. Special Project*
	9. Quiz 2: The Book of Romans	21. Test
	10. The History of Israel (Part 1)	22. Alternate Test*
	11. The History of Israel (Part 2)	23. Reference
	12. Quiz 3: The History of Israel	

American History

American History continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course covers early American exploration to the present day, placing special emphasis on the politics of the 18th and early 19th centuries and the Civil War. These areas of focus target three major content strands: History, Geography, and Government and Citizenship.

Upon completion of the course, students should be able to do the following:

- Understand how conflict between the American colonies and Great Britain led to American independence.
- Understand political, economic, and social changes that occurred in the United States during the 19th century, including changes resulting from the Industrial Revolution.
- Explain how political, economic, and social changes in the U.S. led to conflict among sections of the United States in the 19th century.
- Describe the causes and effects of the Civil War and its aftermath.
- Describe the causes and effects of both World Wars.
- Understand some of the key challenges facing American society in the late 20th and early 21st centuries.

Additionally, students will gain practice in writing essays and reports, covering topics like the Monroe Doctrine, the states' rights debate, the Lincoln-Douglas debates, isolationism, the New Deal, the Korean conflict, and more.

Unit 1: Foundations of the American Republic		
American History	Assignments	
	1. Course Overview	10. The Middle Colonies
	2. Revival of Trade and Commerce	11. The Southern Colonies
	3. New Ideas and Religious Changes	12. Growth of the Colonies
	4. Quiz 1: Foundation of the American Republic	13. Quiz 3: Middle and Southern Colonies
	5. Colonization Begins in the New World	14. Special Project*
	6. Project: Jamestown*	15. Test
	7. Puritan Background and Plymouth Settlement	16. Alternate Test*
	8. Puritan Migration and the Settlement of New England	17. Reference
	9. Quiz 2: Colonization Begins	
Unit 2: Development of Constitutional Government		
American History	Assignments	
	1. Relations with England	10. Articles of Confederation
	2. French and Indian War	11. Constitution of the United States
	3. Colonial Resistance	12. Essay: Constitutional Republic
	4. Quiz 1: Relations with England	13. Quiz 3: Birth of a Nation
	5. Second Continental Congress	14. Special Project*
	6. Opposition and Aid	15. Test
	7. War in the South and West	16. Alternate Test*
	8. Quiz 2: The Revolutionary War	17. Reference
	9. Birth of a Nation	

Unit 3: National Expansion		
American History	Assignments	
	1. Federal Government	9. Essay: Foreign Policy
	2. First Political Parties	10. Sectionalism and the Jackson Administration
	3. Essay: Responsibilities*	11. Essay: Missouri Compromise*
	4. Quiz 1: Ship of State	12. Quiz 3: Nationalism and Sectionalism
	5. The Revolution of 1800	13. Special Project*
	6. The War of 1812	14. Test
	7. Quiz 2: Revolution of 1800 and War of 1812	15. Alternate Test*
	8. Nationalism and the Monroe Administration	16. Reference
Unit 4: A Nation Divided		
American History	Assignments	
	1. The Emergence of Sectionalism	10. The Politics of Slavery
	2. Project: Leaders of the States' Rights Debate	11. Essay: Escaped Slave*
	3. The Division of Land	12. Report: Slave Codes
	4. The Establishment of New Territory	13. Quiz 2: The Emergence of Slavery
	5. The Division of the People	14. Special Project*
	6. Essay: Lincoln/Douglas Debates	15. Test
	7. Quiz 1: The Emergence of Sectionalism	16. Alternate Test*
	8. The Emergence of Slavery	17. Reference
	9. Essay: Free-born Residents*	
Unit 5: A Nation Divided and United		
American History	Assignments	
	1. Regional Lifestyles: The East and West	9. Reconstruction
	2. Regional Lifestyles: The South	10. Report: Reconstruction Scandals
	3. Quiz 1: Regional Lifestyles	11. Quiz 3: Reconstruction
	4. Civil War: Division and Antagonism	12. Special Project*
	5. Essay: The Trent Affair	13. Test
	6. Civil War: Union Blockade and Hostilities	14. Alternate Test*
	7. The Civil War: Final Phase	15. Reference
	8. Quiz 2: Civil War	
Unit 6: United States Involvement at Home and Abroad		
American History	Assignments	
	1. U.S. Industry: Birth and Growth	10. Essay: Isolation and Involvement
	2. U.S. Industry: Economic Expansion	11. Quiz 3: Foreign Policy
	3. Quiz 1: Industrial Growth in the United States	12. March Toward Conflict: Causes
	4. Industrial Lifestyle: Trends	13. March Toward Conflict: Factions
	5. Industrial Lifestyle: Labor Movement	14. Quiz 4: March Toward Conflict
	6. Quiz 2: Industrial Lifestyle	15. Special Project*
	7. Foreign Policy: Isolationism	16. Test
	8. Essay: Seward's Proposal	17. Alternate Test*
	9. Foreign Policy: International Realism	18. Reference

Unit 7: The Search for Peace		
American History	Assignments	
	1. The First Global Conflict	9. Quiz 3: The Great Depression
	2. A Plan for Peace	10. The New Deal
	3. Report: A Just Peace*	11. Essay: New Deal*
	4. Quiz 1: The Great War and Its Aftermath	12. Quiz 4: The New Deal
	5. The Golden Twenties	13. Special Project*
	6. Quiz 2: The Golden Twenties	14. Test
	7. The Great Depression	15. Alternate Test*
	8. Essay: Foreign Policy	16. Reference
Unit 8: A Nation at War		
American History	Assignments	
	1. World War II: Causes of the War	9. Vietnam: Withdrawal by the United States
	2. World War II: Theaters of Operation	10. Report: Biography*
	3. Quiz 1: World War II	11. Quiz 3: Vietnam Conflict
	4. Communist Threat: World Unrest	12. Special Project*
	5. Korean Conflict: The Cold War Becomes Hot	13. Test
	6. Report: Containment Policy	14. Alternate Test*
	7. Quiz 2: Korean Conflict	15. Reference
	8. Vietnam: Fighting Communism in S.E. Asia	
Unit 9: Contemporary America		
American History	Assignments	
	1. America in the 1960s: Part 1	14. Quiz 3: America in the 1980s and 1990s
	2. Report: Kennedy Assassination	15. The International Scene - 1980-Present: Part 1
	3. Report: I Have a Dream*	16. The International Scene - 1980-Present: Part 2
	4. America in the 1960s: Part 2	17. Our Nation Saw Evil. . .
	5. The International Scene of the 1960s	18. America's Department of Homeland Security*
	6. Quiz 1: America in the 1960s	19. Report: Department of Homeland Security*
	7. America in the 1970s: Part 1	20. Terrorism Has a Name: Bin Laden
	8. America in the 1970s: Part 2	21. Quiz 4: The International Scene 1980-1995
	9. The International Scene of the 1970s	22. Special Project*
	10. Quiz 2: America in the 1970s	23. Test
	11. America in the 1980s and 1990s: Part 1	24. Alternate Test*
	12. America in the 1980s and 1990s: Part 2	25. Reference
	13. America in a New Century	

Unit 10: United States History Review		
American History	Assignments	
	1. Changes in Europe	16. Essay: Roosevelt's New Deal
	2. Early Colonization	17. World War I
	3. Quiz 1: Europe and the American Colonies	18. Quiz 4: Industrialization of the United States
	4. Rising Tensions in the Colonies	19. The United States: From World War II to Vietnam
	5. Second Continental Congress	20. Essay: Vietnam War*
	6. Colonial Government	21. From John F. Kennedy to Gerald R. Ford
	7. Quiz 2: The American Revolution	22. Essay: President Kennedy
	8. United States of the 1800s	23. From Jimmy Carter to George W. Bush
	9. Jackson Era	24. Quiz 5: Current History of the United States
	10. Report: Regional Lifestyles	25. The '80s and Beyond
	11. Report: Sectionalism and Slavery*	26. Quiz 6: The 80s and 90s
	12. Civil War	27. Special Project*
	13. Reconstruction of the South	28. Test
	14. Quiz 3: United States of the 1800's	29. Alternate Test*
	15. Industrialization of the United States	30. Reference

English III

English III continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students comprehension techniques for literary fiction, nonfiction, poetry, and drama; discusses common literary devices; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative and expository prose; guides students through readings of Thornton Wilder's *Our Town* (play) and Lee's *To Kill a Mockingbird* as well as selections of and excerpts from well-known poetry and nonfiction pieces.
- **Writing**—develops students' writing skills by teaching about clauses and phrases in sentence structures; reviews common sentence construction errors and methods for avoiding them; provides practice in standard and nonstandard English, as well as specialized language use; teaches Greek and Latin roots and prefixes to enhance vocabulary and spelling skills; expands students' abilities to write cohesive and coherent expository prose; gives students the opportunity to develop their abilities in writing literary critiques, personal essays, poetry, and research papers.
- **Special Topics**—incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

Curriculum Contents

Reading Comprehension Skills

- Context, Denotation, Connotation, and Symbolism
- Reading Drama
- Reading Poetry—Reading Aloud and Recognizing Scansion
- Reading Skills—Analysis, Evaluation, and Interpretation
- Strategies for Comprehension—Making Inferences and Identifying Main Ideas

Composition

- Sentence Construction Errors
- Using English Variations
- Writing a Brief Biography
- Writing Expository Prose—Process
- Writing from Personal Experience
- Writing an Interpretation of a Bible Passage—Using Parallel Structure
- Writing a Literary Critique
- Writing a Poem
- Writing about Poetry—Analysis, Evaluation, and Interpretation
- Writing a Research Paper—Process

Grammar and Usage

- Clauses—Main/Subordinate Clauses, Elliptical Clauses, and Adjective/Adverb Clauses
- Levels of Language Use—Standard/Nonstandard, Slang, Colloquialisms, Medical, Legal, Professional, and Literary
- Phrases—Appositive, Gerund, Participle, and Infinitive Phrases
- Pronouns—Indefinite, Personal, and Case, Including Nominative, Objective, and Possessive Pronouns
- Verbs—Present and Past Participles

Literature Studies

- Drama
 - Elements—Structure, Theme, Setting, Style, Character, and Literary Device
 - Mode—Naturalism, Realism, Romanticism, and Symbolism
 - History of Drama—Greek/Roman Plays, Medieval Drama, Elizabethan Drama, and American Drama

- Genre/Type—Medieval Drama, Elizabethan, and Modern (Subtypes)
- Fiction
 - Elements—Structure, Theme, Mood, Irony, Purpose, and Literary Device
 - Mode—Naturalism, Realism, and Romanticism
 - Genre/Type—Novels (Subtypes)
 - History of Novels—American Novel
- Nonfiction
 - History of Nonfiction—Classical to Modern
 - Elements—Structure and Literary Device
 - Genre/Type—Exposition, Journal, Biography, Autobiography, Essays, Sermons, Criticism, Editorial, Satire, and Letters
- Poetry
 - Elements—Structure, Meter, Rhyme, and Symbolism
 - Literary Device—Sound Effects, Metrical Effects, and Figures of Speech
 - Genre/Type

Vocabulary Building

- Context Clues
- Dictionary Skills
- Etymology
- Greek/Latin Prefixes and Roots

Special Topics

- English Variations—Regional Dialects
- Research Skills—Internet, Library, and Reference Materials

Literature List

Following are literary works students will encounter in English III.

Drama

- Wilder, Thornton. *Our Town*

Fiction

- Crane, Stephen. "The Upturned Face"
- Lee, Harper. *To Kill a Mockingbird*

Nonfiction

- Addison, Joseph. *The Spectator* (excerpt)
- Bradford, William. *The History of Plymouth Plantation* (excerpt)
- Byrd, William. *A Progress to the Mines* (excerpt)
- de Crevecoeur, Jean. *Letters from an American Farmer* (excerpt)
- Edwards, Jonathan.
 - "Personal Narrative" (excerpt)
 - "Sinners in the Hands of an Angry God" (excerpt)
- Emerson, Ralph Waldo. "Commodity" (excerpt)
- Franklin, Benjamin. "The Ephemera"
- Irving, Washington. *A History of New York* (excerpt)
- Jefferson, Thomas.
 - "The Declaration of Independence" (excerpt)
 - Letter to Thomas Paine

- Mather, Cotton. *The Life of John Winthrop* (excerpt)
- Poe, Edgar. "Poetic Principle" (excerpt)
- Smith, John. *A True Relation* (excerpt)
- Steele, Richard. *The Spectator**excerpt)
- ten Boom, Corrie. *The Hiding Place* (excerpt)

Poetry

- Auden, W.H. "Unknown Citizen"
- Bouman, Elizabeth. "By This We Know Love"
- Bradstreet, Anne. "Upon the Burning of Our House"
- Bryant, William. "Thanatopsis"
- Dickinson, Emily.
 - "Pink, small, and punctual"
 - "The Wind tapped like a tired man"
- Frost, Robert. "Birches"
- Longfellow, Henry. "The Tide Rises, the Tide Falls"
- Armour, Richard. "Favorite"
- Lowell, James.
 - "The Courtin.'"
 - "Ode Recited at the Harvard Commemoration"
- Markham, Edwin. "The Man with the Hoe"
- Poe, Edgar.
 - "Annabel Lee"
 - "To Helen"
- Swenson, May. "Fable for When There Is No Way Out"
- Whitman, Walt.
 - "Come Up from the Fields, Father"
 - "Young Grimes"

Unit 1: Learning and Using Standard English		
English III	Assignments	
	1. Course Overview	14. Informational Texts
	2. Acquiring a Language	15. Literary Texts
	3. Essay: Natural Language and Standard English	16. Essay: Writing Across Standard English
	4. Learning a Standard	17. Quiz 3: Varieties of Written Standard English
	5. Levels of Usage	18. Documentation
	6. Essay: Levels of Standard English	19. Works Cited
	7. Quiz 1: Why Standard English?	20. Parenthetical Citation
	8. Making a Dictionary	21. Documentation Review
	9. Anatomy of a Dictionary	22. Special Project*
	10. Project: Dictionary Comparison	23. Test: Learning and Using Standard English
	11. Quiz 2: Dictionaries: Guardians of the Standard	24. Alternate Test: Learning and Using Standard English*
	12. Types of Written Standard English	25. Reference
	13. Technical Texts	
Unit 2: Sentence Elements		
English III	Assignments	
	1. Clauses	11. Verbals: Infinitives
	2. Adverb Clauses and Adjective Clauses	12. Combining Verbals
	3. Noun Clauses	13. Appositives
	4. Project: Writing Subordinate Clauses	14. Project: Verbals and Appositives
	5. Project: Subordinate Clauses*	15. Quiz 2: Verbals and Appositives
	6. Project: Relative Pronouns*	16. Special Project*
	7. Quiz 1: Clauses	17. Test: Sentence Elements
	8. Verbals: Gerunds	18. Alternate Test: Sentence Elements*
	9. Verbals: Participles	19. Reference
	10. Project: Writing with Verbals	
Unit 3: Clear Connections: A Writing Workshop		
English III	Assignments	
	1. Nouns and Pronouns	10. Using Modifiers Correctly
	2. Jobs Personal Pronouns Do	11. Using Parallel Structure
	3. Other Types of Pronouns	12. Essay: Clear Connections in Action
	4. Quiz 1: Understanding Pronouns	13. Quiz 3: Writing Strong Sentences
	5. Pronoun Case (Part 1)	14. Special Project*
	6. Pronoun Case (Part 2)	15. Test: Sentence Workshop
	7. Pronoun Reference	16. Alternate Test: Sentence Workshop*
	8. Pronoun Agreement	17. Reference
	9. Quiz 2: Using Pronouns	

Unit 4: Meaning and Main Ideas		
English III	Assignments	
	1. Greek Prefixes	11. Quiz 2: Word Meanings and Pronunciation
	2. Latin Prefixes	12. Finding the Main Idea
	3. Greek Roots	13. Quiz 3: Main Ideas
	4. Project: Greek Roots	14. Analyzing a Textbook
	5. Latin Roots	15. Essay: Outline and Essay
	6. Project: Latin Roots	16. Quiz 4: Analyzing a Textbook
	7. Quiz 1: Prefixes and Roots	17. Special Project*
	8. Context Clues	18. Test: Meaning and Main Ideas
	9. Project: Using Context Clues	19. Alternate Test: Meaning and Main Ideas*
	10. Diacritical Marking	20. Reference
Unit 5: Poetry		
English III	Assignments	
	1. Measurement in Poetry	13. Project: Prose Paraphrase
	2. Essay: Response to ANNABEL LEE	14. Project: Prose Paraphrase*
	3. Meter and Metrical Sets	15. The Experience of Love
	4. Project: The Meter of a Poem*	16. Project: Society and Young People
	5. Musical Effects: Rhyme	17. Quiz 2: Poetic Themes
	6. Other Musical Effects	18. Imagery and Connotation
	7. Form in Poetry	19. Essay: Writing a Poem
	8. Essay: Narrative and Lyric Poetry	20. Quiz 3: Imagery and Connotation
	9. Project: Sonnet	21. Special Project*
	10. Quiz 1: Structure of Poetry	22. Test: Poetry
	11. Universality and the Experience of Faith	23. Alternate Test: Poetry*
	12. The Experience of Faith (cont.)	24. Reference
Unit 6: Nonfiction		
English III	Assignments	
	1. Elements of Nonfiction	14. Nonfiction Topics for Reading
	2. Project: Survey*	15. Other Nonfiction Topics for Reading
	3. Exposition	16. Approaches to Nonfiction
	4. Description	17. Project: Outline
	5. Essay: Descriptive Essay	18. Essay: Illustrative Composition
	6. Quiz 1: Elements of Nonfiction	19. Essay: Analytical Paper*
	7. Essays and Sermons	20. Essay: Argumentative Paper*
	8. Diaries, Journals, and Letters	21. Quiz 3: Nonfiction Topics
	9. Project: Journal*	22. Special Project*
	10. Biography and Autobiography	23. Test: Nonfiction
	11. Periodicals	24. Alternate Test: Nonfiction*
	12. Project: Analyzing an Editorial	25. Reference
	13. Quiz 2: Types of Nonfiction	

Unit 7: American Drama		
English III	Assignments	
	1. The Development of Drama	10. Essay: My Town
	2. Drama in America	11. Essay: My Town, Personal Experience*
	3. Quiz 1: The Development of Drama	12. OUR TOWN: Act III
	4. The Art of Drama	13. Essay: Critical Essay - OUR TOWN
	5. The Structure and Reading of a Play	14. Quiz 3: Our Town
	6. Quiz 2: The Art of Drama	15. Special Project*
	7. Wilder's OUR TOWN	16. Test: American Drama
	8. OUR TOWN: Act I	17. Alternate Test: American Drama*
	9. OUR TOWN: Act II	18. Reference

Unit 8: The American Novel		
English III	Assignments	
	1. The American Novel	13. To Kill a Mockingbird 20-25
	2. Cooper and Hawthorne	14. To Kill a Mockingbird 26-31
	3. Essay: Nathaniel Hawthorne	15. The Critical Essay
	4. Nineteenth Century Novelists	16. Writing the Critical Essay
	5. Twentieth Century Novelists	17. Project: Preparing an Interpretive Essay
	6. Quiz 1: Survey of American Novels	18. Essay: Interpretive Essay
	7. To Kill a Mockingbird-Introduction	19. Quiz 3: To Kill a Mockingbird
	8. To Kill a Mockingbird 6-11	20. Special Project*
	9. Essay: Character Description	21. Test: The American Novel
	10. Quiz 2: To Kill a Mockingbird	22. Alternate Test: The American Novel*
	11. To Kill a Mockingbird 12-15	23. Reference
	12. To Kill a Mockingbird 16-19	

Unit 9: Research		
English III	Assignments	
	1. The Investigative Process	11. Outlining the Paper
	2. Choosing Your Subject	12. Project: Outline
	3. Quiz 1: The Investigative Process	13. Using Sources and Transitions
	4. Locating Sources and Taking Notes	14. Writing and Revising
	5. Using Note Cards*	15. Essay: Research Paper
	6. Formulating a Thesis	16. Quiz 3: The Composition
	7. Thesis Statement	17. Special Project*
	8. Quiz 2: Gathering Information	18. Test: Research
	9. Keeping it Relevant	19. Alternate Test: Research*
	10. Revised Thesis	20. Reference

Unit 10: Review		
Assignments		
English III	1.	Context Clues and Word Parts
	2.	Dictionary Skills
	3.	Quiz 1: Analyzing Written Words
	4.	Clauses and Sentence Types
	5.	Phrases
	6.	Avoiding Sentence Errors
	7.	Quiz 2: Writing Effective Sentences
	8.	Writing Expository Prose
	9.	Essay: Expository Essay
	10.	Research Papers
	11.	Critical Analysis
	12.	Quiz 3: Expository Prose
	13.	American Drama
	14.	Elements of Poetry
	15.	American Poetry
	16.	Early American Novels
	17.	20th Century Novels
	18.	Essay: To Kill a Mockingbird*
	19.	Nonfiction
	20.	Quiz 4: American Literature
	21.	Special Project*
	22.	Test: Review
	23.	Alternate Test: Review*
	24.	Reference

Algebra II

Algebra II is a full-year, high school math course intended for the student who has successfully completed the prerequisite course Algebra I. This course focuses on algebraic techniques and methods in order to develop student understanding of advanced number theory, concepts involving linear, quadratic and polynomial functions, and pre-calculus theories. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to basic trigonometric identities and problem solving.

By the end of the course, students will be expected to do the following:

- Understand set notation and the structure of mathematical systems.
- Know how to use functional notation and operations on functions.
- Simplify and solve algebraic fractions.
- Perform operations on polynomials, including factoring, long division, and synthetic division.
- Solve algebraic word problems involving mixtures, money, integers, and work.
- Evaluate and solve radical expressions and equations.
- Solve systems of equations with graphing, substitution, and matrices.
- Graph and solve quadratic equations, including conic sections.
- Graph and solve exponential and logarithmic equations.
- Calculate permutations, combinations, and complex probabilities.

Unit 1: Set, Structure, and Function		
Algebra II	Assignments	
	1. Course Overview	13. Algebraic Expressions: Exponents Part 2
	2. Properties of Sets	14. Algebraic Expressions: Multiplication and Division Part 1
	3. Operations of Sets	15. Algebraic Expressions: Multiplication and Division Part 2
	4. Quiz 1: Set Theory	16. Exponents of Exponential Expressions
	5. Structure: Axioms	17. Algebraic Expressions: Combining Terms
	6. Structure: Applications	18. Quiz 3: Algebraic Expressions
	7. Relations and Functions: Definitions	19. Special Project*
	8. Relations and Functions: Graphs	20. Test
	9. Relations and Functions: Function Notation	21. Alternate Test*
	10. Relations and Functions: Inverses	22. Glossary and Credits
	11. Quiz 2: Relations and Functions	
	12. Algebraic Expressions: Exponents Part 1	

Unit 2: Numbers, Sentences, and Problems		
Algebra II	Assignments	
	1. Number Order and Absolute Value	11. Compound Sentences
	2. Sums and Products	12. Quiz 2: Equalities and Inequalities
	3. Quiz 1: Numbers	13. Number Problems
	4. Solving Equations	14. Motion Problems
	5. Multiplication Property	15. Miscellaneous Problems
	6. Multi-step Equations	16. Quiz 3: Problems
	7. Equations with Parentheses	17. Special Project*
	8. Literal Expressions	18. Test
	9. Solving Inequalities	19. Alternate Test*
	10. Graphing Solution Sets for Inequalities	20. Glossary and Credits

Unit 3: Linear Equations and Inequalities		
Algebra II	Assignments	
	1. Line Graphs	12. Solutions by Addition
	2. Line Graphs by Two Points	13. Solutions by Substitution
	3. Slope of Lines Part 1	14. Application of Systems of Equations
	4. Slope of Lines Part 2	15. Quiz 2: Solutions for Systems
	5. Equations: Point Slope Part 1	16. Solving Inequalities
	6. Equations: Point Slope Part 2	17. Solving Two-order Inequalities
	7. Equations: Point Slope Part 3	18. Quiz 3: Solving Inequalities
	8. Equations: Slope-Intercept	19. Special Project*
	9. General Equation of a Line	20. Test
	10. Quiz 1: Lines	21. Alternate Test*
	11. Solutions for Systems of Equations	22. Glossary and Credits
Unit 4: Polynomials		
Algebra II	Assignments	
	1. Products and Factoring	12. Quiz 2: Polynomials
	2. Multiplying Polynomials by Polynomials	13. Direct Variation
	3. Using Special Products Part 1	14. Inverse Variation
	4. Using Special Products Part 2	15. Joint and Combined Variation
	5. Factoring Trinomials	16. Quiz 3: Working Variations
	6. Factoring Special Products Part 1	17. Project: Creating an Algorithm
	7. Factoring Special Products Part 2	18. Special Project*
	8. Quiz 1: Special Products	19. Test
	9. Addition and Subtraction Operations	20. Alternate Test*
	10. Division with Polynomials	21. Glossary and Credits
	11. Synthetic Division	
Unit 5: Algebraic Fractions		
Algebra II	Assignments	
	1. Multiplying and Dividing with Fractions	12. Proportions
	2. Reducing Rational Expressions	13. Quiz 3: Fractional Equations
	3. Multiplying Algebraic Fractions	14. Applications of Fractions
	4. Dividing Algebraic Fractions	15. Mixture Problems
	5. Quiz 1: Algebraic Fractions	16. Work Problems
	6. Adding and Subtracting Algebraic Fractions	17. Quiz 4: Problems with Fractions
	7. Addition and Subtraction	18. Special Project*
	8. Mixed Expressions and Complex Fractions	19. Test
	9. Quiz 2: Addition and Subtraction of Fractions	20. Alternate Test*
	10. Equations with Fractions	21. Glossary and Credits
	11. Fractional Equations	
Unit 6: Semester Review and Exam		
	Assignments	
	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*

Unit 7: Real Numbers		
Algebra II	Assignments	
	1. Real Numbers	11. Word Problems Involving Quadratic Equations
	2. Law of Radicals	12. Sum and Product of Roots
	3. Conjugates	13. The Discriminant
	4. Radical Equations	14. Imaginary Numbers
	5. Quiz 1: Real Numbers	15. Quiz 3: Quadratic Formula
	6. Quadratic Equations	16. Special Project*
	7. Factoring Quadratic Equations	17. Test
	8. Completing the Square	18. Alternate Test*
	9. Quiz 2: Quadratic Solutions	19. Glossary and Credits
	10. Quadratic Formula	
Unit 8: Quadratic Relations and Systems		
Algebra II	Assignment Titles	
	1. Distance Formula	12. Systems of Equations
	2. Circle	13. Solutions of Inequalities
	3. Ellipse	14. Applications of Conic Sections: Part 1
	4. Ellipse Continued	15. Applications of Conic Sections: Part 2
	5. Quiz 1: Conics and the Coordinate Plane	16. Applications of Conic Sections: Part 3
	6. Conic Sections: Parabola	17. Constant of Proportionality
	7. Conic Sections: Parabola Continued	18. Quiz 3: Applications of Conics
	8. Conic Sections: Hyperbola	19. Special Project*
	9. Conic Sections: Hyperbola Continued	20. Test
	10. Identifying Conic Sections	21. Alternate Test*
	11. Quiz 2: Conics	22. Glossary and Credits
Unit 9: Exponential Functions		
Algebra II	Assignment Titles	
	1. Exponential Functions	13. Graphs of Logarithmic Functions
	2. Fractional Exponents	14. Solving Logarithmic Equations
	3. Exponential Equations	15. Logarithmic Applications
	4. Graphing Exponential Functions	16. Quiz 2: Logarithmic Functions
	5. Exponential Applications	17. Matrices
	6. Quiz 1: Exponential Functions	18. System Solutions with Matrices
	7. Logarithmic Functions	19. Addition and Multiplication of Matrices
	8. Evaluation of Logarithms	20. Quiz 3: Matrices
	9. Evaluating Exponential Functions, Common Logarithms, and Natural Logarithms	21. Special Project*
	10. General Properties of Logarithms	22. Test
	11. Scientific Notation	23. Alternate Test*
	12. Calculation of Common Logarithms	24. Glossary and Credits

Unit 10: Counting Principles		
Algebra II	Assignment Titles	
	1. Progressions: Sequences	11. Quiz 3: Combinations
	2. Progressions: Series	12. Probability: Concepts
	3. Quiz 1: Sequences and Series	13. Probability: Equally Likely Outcomes
	4. Permutations: Factorials	14. Probability: Multiplication Principle
	5. Permutation Formula	15. Conditional Probability
	6. Permutations: Applications	16. Quiz 4: Probability
	7. Quiz 2: Permutations	17. Special Project*
	8. Combination Formula	18. Test
	9. Combinations: Applications	19. Alternate Test*
	10. Combinations: Binomial Coefficients	20. Glossary and Credits
Unit 11: Review		
Algebra II	Assignment Titles	
	1. Integers	14. Real Numbers Continued
	2. Integers Continued	15. Quiz 2: Review
	3. Open Sentences	16. Quadratic Relations and Systems
	4. Open Sentences Continued	17. Quadratics Continued
	5. Graphs	18. Exponential Functions
	6. Graphs Continued	19. Exponential Functions Continued
	7. Quiz 1: Review	20. Counting Principles
	8. Polynomials	21. Counting Principles Continued
	9. Polynomials Continued	22. Quiz 3: Review
	10. Algebraic Fractions Part 1	23. Special Project*
	11. Algebraic Fractions Part 2	24. Test
	12. Algebraic Fractions Part 3	25. Alternate Test*
	13. Real Numbers	26. Glossary and Credits
Unit 12: Semester Review and Exam		
	Assignments	
	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*
Unit 13: Final Exam		
	Assignments	
	1. Exam	3. Alternate Exam - Form B*
	2. Alternate Exam - Form A*	

Chemistry

Chemistry is intended to expose students to the designs and patterns in the world that God has created. In preceding years, students should have developed an understanding for the macroscopic properties of substances and been introduced to the microstructure of substances. This chemistry course will expand upon that knowledge, further develop the microstructure of substances, and teach the symbolic and mathematical world of formulas, equations, and symbols. The major concepts covered are measurement, atomic structure, chemical formulas and bonding, chemical reactions, stoichiometry, gases, chemical equilibrium, and organic chemistry.

Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Chemistry should be preceded by an Algebra I course and preceded or accompanied by an Algebra II course.

Upon completion of the course, students should be able to do the following:

- Calculate and convert units using scientific notation and significant figures.
- Explain the differences between elements, compounds, and mixtures.
- Use Avogadro's number and the gas laws to calculate different variables in chemistry examples.
- Explain and use the periodic table.
- Recognize symbols for common elements.
- Differentiate between the different types of bonds.
- Predict how different elements will react.
- Describe acid-base reactions and redox reactions.
- Demonstrate an understanding of organic chemistry and carbon compounds.

Unit 1: Measurement and Analysis			
Assignments			
Chemistry	1.	Course Overview	13. Experiment: Masses
	2.	An Introduction to Chemistry and Metric Measurement	14. Quiz 3: Measurement and Precision
	3.	Report: Metric System*	15. Observation and Hypothesizing
	4.	Quiz 1: Metric Conversions	16. Learning to Make Useful and Detailed Observations
	5.	Showing Precision in Measurements	17. Using Graphs to Analyze Data
	6.	Using Significant Figures to Show the Reliability of Data	18. Project: Tutorial for Making a Scatter Plot Using an Electronic Spreadsheet Program*
	7.	Using Scientific Notation with Significant Figures	19. Quiz 4: Measurement to Graphs
	8.	Quiz 2: Precision, Significant Figures, and Scientific Notation	20. Doing Chemistry Your Way: Find Your Future
	9.	Measuring Volume in the Chemistry Laboratory	21. Quiz 5: Chapter Review
	10.	Practice in Measuring Metric Volumes	22. Special Project*
	11.	Measuring Mass in the Chemistry Laboratory	23. Test
	12.	Project: Measuring Length with Precision*	24. Alternate Test*
			25. Reference

Unit 2: Starting the Investigation: How to Identify Elements, Compounds, and Mixtures**Assignments**

- | | | |
|-----------|--|---|
| Chemistry | 1. The Basic Ingredient: Chemical Elements | 8. Report: Density* |
| | 2. Quiz 1: Elements, Chemical and Physical Properties | 9. Identifying Different Types of Mixtures |
| | 3. Using Chemical and Physical Properties to Identify Substances | 10. Experiment: Using the Tyndall Effect to Identify Colloids |
| | 4. Experiment: Observations of a Phase Change | 11. Quiz 3: Chapter Review |
| | 5. Experiment: Salt and Sand* | 12. Special Project* |
| | 6. Creating Compounds: Investigating Chemical Changes | 13. Test |
| | 7. Quiz 2: Elements to Compounds and Chemical Changes | 14. Alternate Test* |
| | | 15. Reference |

Unit 3: Exploring Laws for Gases and Conservation of Mass**Assignments**

- | | | |
|-----------|---|---|
| Chemistry | 1. Nothing Stays Put - The Basis for Diffusion and Pressure | 12. Combined Gas Law |
| | 2. Gases and Kinetic Molecular Theory | 13. Quiz 4: Diffusion to Combined Gas Law |
| | 3. Project: Graphing Kinetic Energy* | 14. Counting Gas Particles: The Measure of the Mole |
| | 4. Quiz 1: Diffusion and Kinetic Molecular Theory | 15. How Big is a Mole? Avogadro's Number |
| | 5. Pressure-Volume Relationships in Gases (Boyle's Law) | 16. Demonstrating Conservation of Mass with Balanced Equations |
| | 6. Quiz 2: Diffusion to P-V Relationships in Gases | 17. Essay: Biography* |
| | 7. Temperature-Volume Relationships in Gases (Charles' Law) | 18. Project: Examining the Use of Certain Gases as Propellants* |
| | 8. Experiment: Finding Absolute Zero Experimentally | 19. Quiz 5: Chapter Review |
| | 9. Experiment: Charles' Law and a Metal Can* | 20. Special Project* |
| | 10. Project: Absolute Zero: Real or Theoretical?* | 21. Test |
| | 11. Quiz 3: Diffusion to V-T Relationships in Gases | 22. Alternate Test* |
| | 23. Reference | |

Unit 4: The Discovery of Atoms: Nature's Building Blocks**Assignments**

- | | | |
|-----------|--|---|
| Chemistry | 1. The Golden Years of Chemistry | 10. Charging Up: Ionization of Atoms |
| | 2. Experiment: Physical Properties of Elements | 11. Quiz 4: Golden Years to Ionization |
| | 3. Experiment: Chemical Properties of Some Metals | 12. A Closer Look Inside: Nuclear Reactions |
| | 4. Masters of Classic Atomic Theory | 13. Report: Fission Reactors |
| | 5. Quiz 1: Golden Years to Masters | 14. Quiz 5: Chapter Review |
| | 6. Designing an Organizational Map: The Periodic Table | 15. Special Project |
| | 7. Quiz 2: Golden Years to Periodic Table | 16. Test |
| | 8. The Bohr Model Revisited | 17. Alternate Test |
| | 9. Quiz 3: Golden Years to Bohr Model | 18. Reference |

Unit 5: Molecular Structure	
Chemistry	Assignments
	1. Chemical Accounting: Stoichiometry
	2. Valence Structure
	3. Quiz 1: Stoichiometry to Valence
	4. Determining Chemical Formulas
	5. Electron Availability: Prelude to Bonding
	6. Quiz 2: Stoichiometry to Prelude to Bonding
	7. Types of Chemical Bonds
	8. Charging Up: Ionization of Atoms
	9. Quiz 4: Golden Years to Ionization
	10. A Closer Look Inside: Nuclear Reactions
	11. Report: Fission Reactors
	12. Quiz 5: Chapter Review
	13. Special Project
	14. Test
Unit 6: Semester Review and Test	
Chemistry	Assignments
	1. Review
	2. Exam
	3. Alternate Exam—Form A*
	4. Alternate Exam—Form B*
Unit 7: Chemical Reactions, Rates and Equilibrium	
Chemistry	Assignments
	1. Evidence for Chemical Change
	2. Experiment: Observing Chemical Changes
	3. Experiment: Chemical Reactions*
	4. Experiment: Ammonium Nitrate*
	5. Enthalpy of Reaction
	6. Using Gibbs Free Energy to Predict Spontaneous Reactions
	7. Quiz 1: Chemical Change to Enotropy and Gibbs Free Energy
	8. Factors that Affect Reaction Rates: Solution Concentration
	9. Experiment: Effect of Solution Concentration on Reaction Rate
	10. Factors that Affect Reaction Rate: Temperature, Catalysts, Concentration of Reactants
	11. Quiz 2: Chemical Change to Reaction Rate
	12. Reaction Equilibria and Equilibrium Constants
	13. Activity: Exploring Factors that Affect Equilibrium
	14. Conditions Affecting Equilibrium
	15. Quiz 3: Chapter Review
	16. Special Project*
	17. Test
	18. Alternate Test*
	19. Reference
Unit 8: Equilibrium Systems	
Chemistry	Assignments
	1. Chemist's Toolbox
	2. Solutions
	3. Solution Concentration: Molarity
	4. Electrical Nature of Solutions
	5. Solubility
	6. Quiz 1: Toolbox TO Solubility
	7. The Dissolving Process
	8. Experiment: Solubility Trends
	9. The Solubility Constant
	10. Quiz 2: Toolbox to Solubility Constant
	11. Acid-Base Equilibria
	12. Experiment: Acid Strength*
	13. pH Scale
	14. Titration of Acids and Bases
	15. Quiz 3: Toolbox to Titration
	16. Redox Equilibria
	17. Redox and Oxidation Potentials
	18. Activity: Solution Concentration vs. Conductivity
	19. pH Calculations
	20. Quiz 4: Chapter Review
	21. Special Project*
	22. Test
	23. Alternate Test*
	24. Reference

Unit 9: Carbon Chemistry: Hydrocarbons																						
Chemistry	Assignments																					
	<table> <tr> <td>1. Organic Compounds</td><td>8. Alkanes: Saturated Hydrocarbons</td></tr> <tr> <td>2. Sources of Organic Compounds</td><td>9. Unsaturated Hydrocarbons</td></tr> <tr> <td>3. Experiment: Volatility*</td><td>10. Quiz 3: Chapter Review</td></tr> <tr> <td>4. Quiz 1: Organic Compounds and Their Sources</td><td>11. Special Project*</td></tr> <tr> <td>5. A Closer Look at the Carbon Atom</td><td>12. Test</td></tr> <tr> <td>6. Bonding in Organic Compounds</td><td>13. Alternate Test*</td></tr> <tr> <td>7. Quiz 2: Organic Compounds to Bonding</td><td>14. Reference</td></tr> </table>	1. Organic Compounds	8. Alkanes: Saturated Hydrocarbons	2. Sources of Organic Compounds	9. Unsaturated Hydrocarbons	3. Experiment: Volatility*	10. Quiz 3: Chapter Review	4. Quiz 1: Organic Compounds and Their Sources	11. Special Project*	5. A Closer Look at the Carbon Atom	12. Test	6. Bonding in Organic Compounds	13. Alternate Test*	7. Quiz 2: Organic Compounds to Bonding	14. Reference							
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5. A Closer Look at the Carbon Atom	12. Test																					
6. Bonding in Organic Compounds	13. Alternate Test*																					
7. Quiz 2: Organic Compounds to Bonding	14. Reference																					
Unit 10: Carbon Chemistry: Functional Groups																						
Chemistry	Assignments																					
	<table> <tr> <td>1. Common Reactions of Saturated Hydrocarbons</td><td>8. Nitrogen Functional Groups</td></tr> <tr> <td>2. Reactions of Unsaturated Hydrocarbons</td><td>9. Proteins and Amino Acids</td></tr> <tr> <td>3. Quiz 1: Reactions of Saturated and Unsaturated Hydrocarbons</td><td>10. Experiment: Preparation of a Polymer</td></tr> <tr> <td>4. Alcohols</td><td>11. Quiz 3: Chapter Review</td></tr> <tr> <td>5. Aldehydes, Acids, and Ketones</td><td>12. Special Project*</td></tr> <tr> <td>6. Esters</td><td>13. Test</td></tr> <tr> <td>7. Quiz 2: Reactions of Saturated and Unsaturated Hydrocarbons to Esters</td><td>14. Alternate Test*</td></tr> <tr> <td></td><td>15. Reference</td></tr> </table>	1. Common Reactions of Saturated Hydrocarbons	8. Nitrogen Functional Groups	2. Reactions of Unsaturated Hydrocarbons	9. Proteins and Amino Acids	3. Quiz 1: Reactions of Saturated and Unsaturated Hydrocarbons	10. Experiment: Preparation of a Polymer	4. Alcohols	11. Quiz 3: Chapter Review	5. Aldehydes, Acids, and Ketones	12. Special Project*	6. Esters	13. Test	7. Quiz 2: Reactions of Saturated and Unsaturated Hydrocarbons to Esters	14. Alternate Test*		15. Reference					
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Unit 11: Chemistry Review																						
Chemistry	Assignments																					
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2. Exam	4. Alternate Exam—Form B*																					
Unit 13: Final Exam																						
Chemistry	Assignments																					
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1. Exam	3. Alternate Exam—Form B*																					
2. Alternate Exam—Form A*																						

12th Grade

Christian Faith and Living

Christian Faith and Living applies what students have learned in their study of the teachings of the Old and New Testaments. The course focuses on personal Christian ministry, the nature of God, comparative religions, and the writings of James, John, David, Solomon, and Daniel. These areas target three content strands: the attributes of God, biblical literature, and Christian growth.

Upon completion of the course, students should be able to do the following:

- Understand the unique identity of a Christian.
- Pursue the various opportunities to serve as a Christian.
- Explain the Christian view of the Trinity.
- Identify the meaning of James' and John's letters.
- Describe the contents of the book of Daniel.
- Contrast Christianity with other religions of the world.
- Use God's wisdom to solve problems among today's youth.
- Identify the practical steps toward successful Christian living.

Unit 1: Knowing Yourself		
Assignments		
Christian Faith and Living	1. Course Overview	15. Project: Backward Look
	2. Knowing What You Are: God's Creation	16. Project: Inward Look
	3. Your Unique Personality	17. Project: Forward Look
	4. Your Interaction with Others	18. What to Look for in Vocational Skills
	5. Quiz 1: Personality	19. Project: Work Values
	6. Knowing Who You Are: A Child of God	20. Project: Motives
	7. Project: Your Personal Testimony*	21. Project: Vocational Interests
	8. Project: Memorize Scripture*	22. Project: Vocational Skills
	9. A Servant of God	23. Quiz 3: Skills
	10. Project: Channels of Communication*	24. Special Project*
	11. Spiritual Gifts	25. Test
	12. Knowing Your Spiritual Gifts	26. Alternate Test*
	13. Quiz 2: Gifts	27. Reference
	14. How You Are Equipped: Personal Skills	

Unit 2: Christian Ministries

Assignments

- | | | |
|----------------------------|---|--|
| Christian Faith and Living | 1. Varieties of Ministry | 11. Ministry vs. Career |
| | 2. The Two Modern Meanings | 12. Project: Career* |
| | 3. Project: Ministers | 13. Project: Witness* |
| | 4. Project: What is a Ministry?* | 14. Quiz 3: How a Christian Ministry Relates to a Career |
| | 5. Quiz 1: What A Christian Ministry Is | 15. Special Project* |
| | 6. Ministry Occupations | 16. Test |
| | 7. Project: The Effect of Ministry* | 17. Alternate Test* |
| | 8. Movements | 18. Reference |
| | 9. Social Services, Media, and Support | |
| | 10. Quiz 2: How Christian Ministries Are Served | |

Unit 3: Choosing a Ministry

Assignments

- | | | |
|----------------------------|--|--|
| Christian Faith and Living | 1. Gathering Information: Where to Look | 13. Project: Prayer List* |
| | 2. Project: Career Search* | 14. Project: God's Will |
| | 3. What to Look For | 15. Career Decisions: Human Responsibility |
| | 4. Project: Priorities* | 16. Project: Roadblocks |
| | 5. Quiz 1: Gathering Information About Available Career/Ministries | 17. Project: Decision Making* |
| | 6. Applying: Making Contacts/Writing a Resume | 18. Career Planning |
| | 7. Project: Applications* | 19. Quiz 3: Reaching a Conclusion About Your Career/Ministry |
| | 8. Project: Resume | 20. Special Project* |
| | 9. Project: Cover Letter* | 21. Test |
| | 10. Interviewing and Candidating | 22. Alternate Test* |
| | 11. Quiz 2: Applying for a Prospective Career/Ministry | 23. Reference |
| | 12. Reaching Conclusions: Divine Guidance | |

Unit 4: Godhead

Assignments

- | | | | | |
|----------------------------|-----------------------------------|---|-----|--|
| Christian Faith and Living | 1. | Old Testament View of the Godhead | 12. | Project: Early Church Theologians* |
| | 2. | Names of God in the Old Testament | 13. | Essay: Historical Development* |
| | 3. | Project: Yahweh | 14. | Development of Christian Creeds |
| | 4. | Project: Use of Names* | 15. | Project: Three Arguments* |
| | 5. | Quiz 1: Old Testament View of the Godhead | 16. | Quiz 3: Historical Perspectives of The Godhead |
| | | New Testament View of the Godhead | 17. | Christian Faith in the Godhead |
| | 6. | Project: Developing Revelation | 18. | Quiz 4: Man's Relationship with The Godhead |
| | 7. | The Godhead in John and Paul's Epistles | 19. | Special Project* |
| | 8. | Project: Paul's View | 20. | Test |
| | 9. | Quiz 2: New Testament View of the Godhead | 21. | Alternate Test* |
| | 10. | Origin of the Doctrine of the Godhead | 22. | Reference |
| 11. | Old Testament View of the Godhead | | | |

Unit 5: The Attributes of God: Holiness and Goodness		
Christian Faith and Living	Assignments	
	1. The Holiness of God: His Holy Person	10. In His Creation
	2. Holiness of the Son and the Holy Spirit	11. In the World and in Mankind
	3. Project: Power of the Holy Spirit	12. In His Salvation
	4. God's Holy Place	13. Project: Glory to God
	5. God's Holy People	14. Quiz 2: The Goodness of God
	6. Quiz 1: The Holiness of God	15. Special Project*
	7. The Goodness of God: In His Character	16. Test
	8. Goodness of the Son and the Holy Spirit	17. Alternate Test*
	9. Project: Young Ruler*	18. Reference
Unit 6: The Epistles of James and John		
Christian Faith and Living	Assignments	
	1. The Epistle of James: The Man	11. Fellowship with God
	2. The Authenticity of James	12. Project: Healing Today
	3. The Message: James	13. The Message: Second John
	4. Faith Versus Works	14. The Message: Third John
	5. Project: Wisdom	15. Quiz 2: The Epistle of John
	6. Prayer, Lust, Money, and Healing	16. Special Project*
	7. Quiz 1: The Epistle of James	17. Test
	8. The Epistle of John: The Man	18. Alternate Test*
	9. The Authenticity of the Epistles of John	19. Reference
	10. The Message: First John	
Unit 7: Biblical Literature (Daniel)		
Christian Faith and Living	Assignments	
	1. Daniel's Influence for God: Man of Conviction	11. The Seventy Sevens
	2. Daniel's Godly Purpose	12. Project: Interpretation
	3. Project: Fiery Furnace	13. The Mighty Kings
	4. Interpreter of Dreams	14. Project: Daniel 11
	5. Project: Belshazzar*	15. Quiz 2: Daniel's Visions from God
	6. Watchman of Prayer	16. Special Project*
	7. Quiz 1: Daniel's Influence for God	17. Test
	8. Daniel's Visions from God: The Four Beasts	18. Alternate Test*
	9. The Ram and the He-Goat	19. Reference
	10. Project: Antiochus Epiphanes*	

Unit 8: Comparative Religions		
Christian Faith and Living	Assignments	
	1. Christianity: Basic Elements	12. Essay: Zoroastrianism
	2. The Validity of the Christian Faith	13. Quiz 2: World Religions
	3. Project: The Great Difference	14. The Occult: Spiritualism
	4. Quiz 1: Systems of Worship	15. Psychic Phenomena and Astrology
	5. World Religions: Buddhism	16. Project: Daniel
	6. Project: Christian Response to Buddhism	17. Quiz 3: The Occult
	7. Confucianism	18. Special Project*
	8. Hinduism	19. Test
	9. Essay: Hinduism	20. Alternate Test*
	10. Islam	21. Reference
	11. Zoroastrianism	
Unit 9: Wisdom for Today's Youth		
Christian Faith and Living	Assignments	
	1. The Life of David (1)	12. Project: Tongue
	2. The Life of David (2)	13. Quiz 2: Psalms and Proverbs
	3. David's Character	14. Literary Styles in the Bible
	4. Essay: DAVID	15. Prefigurations in the Bible
	5. The Life of Solomon	16. Problem Solving in the Bible
	6. Solomon's Character	17. Quiz 3: The Bible and Literature
	7. Quiz 1: David and Solomon	18. Special Project*
	8. Psalms and Proverbs: God's Cleansing, Comfort	19. Test
	9. Project: Cleansing	20. Alternate Test*
	10. God's Presence, Sovereignty, Guidance	21. Reference
	11. Project: Psalms 139	
Unit 10: Practical Christian Living		
Christian Faith and Living	Assignments	
	1. The Nature and Holiness of God	13. Scripture Study
	2. The Word, Salvation, Defense of the Faith	14. Quiz 2: Growing Toward Christian Maturity
	3. Project: Salvation	15. Life Work and Ministry
	4. Quiz 1: Fundamentals Of The Christian Faith	16. Values
	5. Spiritual Gifts	17. Spoken Testimony
	6. Project: Spiritual Gifts	18. Project: Personal Testimony
	7. Personality	19. Debate and Apologetics
	8. Project: Temptations	20. Quiz 3: Influencing The World For Christ
	9. Christlike Character and Conduct	21. Special Project*
	10. Project: Moral Dilemma	22. Test
	11. Spiritual Development and Prayer	23. Alternate Test*
	12. Project: Trials and Tribulations	24. Reference

Government and Economics

Government and Economics continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on two major areas: Government, with special emphasis on American government, and Economics, with special emphasis on personal finance. These areas of focus target three major content strands: History, Government and Citizenship, and Economics.

Upon completion of the course, students should be able to do the following:

- Understand the basics of various philosophies of government.
- Understand the structure and functions of government and how the principles and values of American democracy (e.g., limited government and popular sovereignty) are reflected in American constitutional government.
- Understand how the overall design, as well as specific features of the U.S. Constitution prevent the abuse of power by using a system of checks and balances (e.g., federalism).
- Understand the role of political parties, the media, and the public on the political process.
- Know the characteristics of different economic systems (e.g., capitalism, mixed economy, communism).
- Understand basic terms associated with economic performance and the state of the economy (e.g., supply and demand, inflation, monopoly).

Additionally, students will gain practice in writing essays and reports, covering topics like elected officials, the Supreme Court, Christians in politics, on-line banking, the euro, and more.

Government and Economics	Unit 1: International Governments	
	Assignments	
	1. Course Overview	10. Aquinas, Aristotle, and Engels
	2. Why Have Governments?	11. Machiavelli, Marx, and Milton
	3. Types of Governments	12. Report: Governmental Officials
	4. A List of Government Terms	13. Quiz 3: Political Thinkers
	5. Quiz 1: Government	14. Special Project*
	6. Presidential Governments	15. Test
	7. Parliamentary Governments	16. Alternate Test*
	8. Quiz 2: Forms of Government	17. Reference
	9. One-Party and Multiparty Governments	

Government and Economics	Unit 2: United States Government	
	Assignments	
	1. United States Constitution	9. Quiz 2: Branches of Government
	2. The Bill of Rights	10. How a Bill Becomes Law: Part 1
	3. States' Rights and Responsibilities	11. How a Bill becomes Law: Part 2
	4. Quiz 1: United States Government	12. Quiz 3: How a Bill Becomes Law
	5. Executive Branch	13. Special Project*
	6. Judicial Branch	14. Test
	7. Report: Supreme Court	15. Alternate Test*
	8. Legislative Branch	16. Reference

Government and Economics	Unit 3: The American Party System	
	Assignments	
	1. The American Party System	9. Quiz 2: Political Parties
	2. Development of American Political Parties	10. Making Voting More Effective
	3. Republican and Third Parties	11. Voting in Elections
	4. Report: The American Party System	12. Quiz 3: Voting
	5. Quiz 1: The American Party System	13. Special Project*
	6. How Do You Form a Political Party?	14. Test
	7. Organization of a Political Party	15. Alternate Test*
	8. Nominations and Elections	16. Reference
	Unit 4: History of Governments	
	Assignments	
	1. A Primitive Government Primer	9. Quiz 2: Feudalism, Theocracy, and Democracy
	2. Beginning of Democracy: Ancient Greece	10. Fascism
	3. Ancient Roman Government	11. Nazism
	4. Quiz 1: A Primitive Government Primer	12. Quiz 3: Fascism and Nazism
	5. Feudalism	13. Special Project*
	6. Report: Feudalism	14. Test
	7. Theocracy	15. Alternate Test*
	8. Democracy	16. Reference
	Unit 5: The Christian and His Government	
	Assignments	
	1. The Christian and American Government	9. The Good and the Bad of Propaganda
	2. Discrimination and the Christian	10. Quiz 3: Involvement in Politics and the Community
	3. Christian Attitudes in American Society	11. Report: The Christian and His Government
	4. Quiz 1: The Christian and Government	12. Special Project*
	5. The Christian and Public Opinion	13. Test
	6. The Christian and Media	14. Alternate Test*
	7. Quiz 2: Christian Attitudes and Public Polls	15. Reference
	8. Can I Get Involved in Politics?	
	Unit 6: Free Enterprise	
	Assignments	
	1. Economics	9. International Finance
	2. Economic Terms	10. U.S. Currency in History
	3. How Does an Economy Grow?	11. Quiz 3: Currency and Reserves
	4. Quiz 1: Economics	12. Special Project*
	5. A Guide to Learning World Financial Terms	13. Test
	6. Unions and Labor	14. Alternate Test*
	7. Money: Its Use Through History	15. Reference
	8. Quiz 2: Finance and Labor	

Government and Economics	Unit 7: Business and You	
	Assignments	
	1. Running a Business	9. Bankruptcy
	2. Caveat Emptor	10. Quiz 3: Business Concerns - Deregulation and Bankruptcy
	3. Government and Business	11. Report: Business and You
	4. Quiz 1: Business and the Consumer	12. Special Project*
	5. Federal Reserve System	13. Test
	6. Monopolies	14. Alternate Test*
	7. Quiz 2: Business and You	15. Reference
	8. Deregulation	
	Unit 8: The Stock Market	
	Assignments	
	1. The Stock Market: How It Started	9. Tracking Stocks in the Newspaper
	2. The Stock Market: How It Works	10. Quiz 3: Types of Stocks
	3. Selling, Buying, and Brokers	11. Report: Stock Market Investing
	4. Quiz 1: The Stock Market	12. Special Project*
	5. Selecting Stocks	13. Test
	6. What Causes the Stock Market to Crash?	14. Alternate Test*
	7. Quiz 2: Selecting Stocks	15. Reference
	8. Types of Stocks	
Government and Economics	Unit 9: Budget and Finance	
	Assignments	
	1. Your Personal Finances	8. Quiz 2: Savings and Loans and Credit Unions
	2. Spend Your Money Wisely	9. Report: Banking
	3. Checking Accounts	10. Special Project*
	4. College Grants and Loans	11. Test
	5. Quiz 1: Your Personal Finances	12. Alternate Test*
	6. IRA Accounts	13. Reference
	7. Buying a Car	
	Unit 10: Banking	
	Assignments	
	1. Deposit and Savings	8. Traveler's Checks
	2. Bank Loans	9. Quiz 2: Savings and Loans and Credit Unions
	3. Using the ATM and E-Cash Cards	10. Report: Banking
	4. Quiz 1: Banking Past and Present	11. Special Project*
	5. Savings and Loans	12. Test
	6. Credit Unions	13. Alternate Test*
	7. Deposit and Savings	14. Reference

Government and Economics	Unit 11: International Issues	
	Assignments	
	1. World of the Euro	9. Close Trading Partners
	2. Report: The Euro and Its Impact	10. The Holy Land and Current Issues
	3. Centers of International Finance	11. Christian Heroes and Their Lands
	4. Quiz 1: Euro and International Finance	12. Report: Israel
	5. The Global Traveler	13. Quiz 3: Neighbors, Heroes, and the Holy Land
	6. U.S. States and Capital Cities (1)	14. Special Project*
	7. U.S. States and Capital Cities (2)	15. Test
	8. Quiz 2: U.S States, Capital Cities, and the Global Traveler	16. Alternate Test*
		17. Reference

English IV

English IV continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students comprehension techniques for literary fiction, poetry, and drama, including discussion of common literary devices; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative and expository prose; guides students through English literary history, including readings of Shakespeare's *Hamlet*, Milton's *Paradise Lost*, *Beowulf*, Bunyan's *The Pilgrim's Progress*, and other selections of and excerpts from major English literary figures.
- **Writing**—develops students' writing skills by teaching about clauses and phrases in sentence structures; reviews common sentence and paragraph construction errors and methods for avoiding them; teaches Greek and Latin roots and prefixes to enhance vocabulary and spelling skills; expands students' abilities to write cohesive and coherent expository prose; gives students the opportunity to develop their abilities in writing literary critiques, poetry, short stories, and expository prose.
- **Listening**—teaches effective listening comprehension skills, weaving these throughout the lessons; builds upon students' study skills as well as helps them to become reliable and efficient note takers.
- **Special Topics**—incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

Curriculum Contents

Reading Comprehension Skills

- Context, Denotation, Connotation, and Symbolism
- Phrase Recognition Drills
- Reading Drama
- Reading Poetry—Reading Aloud and Recognizing Scansion
- Reading Skills—Analysis, Evaluation, and Interpretation
- Strategies for Comprehension—Making Inferences, Identifying Main Ideas, and Reading for Details
- Word Recognition Drills

Composition

- Diction Errors—Trite Expressions and Stilted/Vague Language
- Essays—Planning, Outlining, Writing, and Revising
- Sentence Construction Errors—Fragments, Dangling Construction, Parallelism, Reference, Agreement, and Logical Errors
- Paragraph Construction—Coherence, Transition, and Unity
- Paragraph Construction Errors—Coherence, Transition, Shift in Person, Shift in Tense, and Shift in Number
- Subordination
- Writing a Brief Biography
- Writing about British History
- Writing a Character Study
- Writing a Character Sketch
- Writing a Compare/Contrast Essay
- Writing about Literary Forms
- Writing a Literary Critique
- Writing Poetry
- Writing about Poetry—Analysis, Interpretation, and Evaluation
- Writing a Short Story

Grammar and Usage

- Approaches to Grammar—Generative, Structural, Transformational, and Traditional

- Levels of Language Use—Slang and Colloquialisms
- Linguistic Theory
- Mechanics—Abbreviations, Capitalization, Hyphens, Italics, and Numbers
- Parts of Speech—Adjectives, Adverbs, Infinitives, Nouns, Pronouns, and Verbs
- Semantics
- Sentence Structure—Clauses, Conjunctions, Interjections, and Phrases
- Word Choice

Literature Studies

- Drama
 - Elements—Structure, Theme, Setting, Style, Character, and Literary Device
 - Genre/Type—Medieval Drama and Elizabethan Drama
- Fiction
 - Elements—Structure, Theme, Mood, Point of View, Character, Dialogue, Setting, Style, Satire, and Literary Device
 - Literary Device—Alliteration, Allusion, Imagery, Metaphor, and Personification
- History of English Literature—from 1000-1800
- Poetry
 - Elements—Structure, Meter, Rhyme, Symbolism, and Subject Matter
 - Literary Device—Alliteration, Apostrophe, Assonance, Caesura, Consonance, Hyperbole, Kenning, Metonymy, Metaphor, Onomatopoeia, Paradox, Personification, Simile, Sprung Rhythm, and Synecdoche
 - Genre/Type—Sonnet, Dream Vision, Ballad, Elegy, Brenton Lay, Epic, Gnome, Free Verse, Blank Verse, Dramatic Monologue, Mock-Heroic, and Satire

Vocabulary Building

- Context Clues
- Etymology
- Greek/Latin Prefixes and Roots

Special Topics

- The Bible as Literature
- Listening Skills
- Origin/Development of Language—Old and Middle English
- Research Skills—Internet, Library, and Reference Materials
- Study Skills—Note Taking

Literature List

Following are literary works students will encounter in English IV.

Drama

- Shakespeare, William. *Hamlet*

Fiction

- Bunyan, John. *Pilgrim's Progress* (excerpt)
- Swift, Jonathan. "A Modest Proposal"

Poetry

- "Barbara Allen's Cruelty"
- *Beowulf* (excerpts)
- Browning, Elizabeth Barrett.
 - "Sonnet 43"
 - "A Thought for a Lonely Death-bed"

- "A Child Asleep"
- Browning, Robert.
 - "Home Thoughts from Abroad"
 - "My Last Duchess"
- Byron, Lord (George Gordon).
 - *Childe Harold's Pilgrimage* (excerpt)
 - "The Destruction of Sennacherib"
 - *Don Juan* (excerpt)
- Campion, Thomas.
 - *The Third and Fourth Book of Ayres* (excerpt)
- Chaucer, Geoffrey. *Canterbury Tales* (excerpts)
- Chesterson, G.K. "The Donkey"
- Coleridge, Samuel.
 - "Epitaph"
 - "Kubla Khan"
- Dekker, Thomas. "Golden Slumbers Kiss Your Eyes" from *The Pleasant Comedy of Patient Grisill*
- Donne, John. "Death, Be Not Proud"
- Goldsmith, Oliver. "The Deserted Village"
- Hopkins, Gerard Manley. "God's Grandeur"
- Jonson, Ben. "The Triumph of Charis"
- Keats, John.
 - "Ode on a Grecian Urn"
 - "On First Looking into Chapman's Homer"
 - "When I Have Fears"
- Macleish, Archibald. "Ars Poetica"
- Milton, John.
 - "Lycidas" (excerpt)
 - "On the Morning of Christ's Nativity" (excerpts)
 - *Paradise Lost* (excerpts)
 - "Sonnet XIX"
- Nashe, Thomas. "Spring the Sweet Spring..." from *Summer's Last Will and Testament*
- "The Ruin"
- "The Seafarer"
- Pope, Alexander. *The Dunciad* (excerpt)
- Shakespeare, William.
 - "Song" from *Cymbaline*
 - "Song" from *Much Ado about Nothing*
 - "Sonnet XVII"
 - "Sonnet XXIX"
 - "Sonnet CXVI"
 - "Sonnet LV"
- Shelley, Percy.
 - "Ode to the West Wind"
 - "Ozymandias"
 - "Song to the Men of England"
- Spenser, Edmund.
 - "Sonnet XV"
 - "Sonnet XXXIV"
- Sydney, Sir Phillip.
 - "Sonnet XXXI"
 - "Sonnet XL."

- Tennyson, Alfred.
 - "Break, Break, Break"
 - "Crossing the Bar"
 - "Flower in the Crannied Wall"
 - *In Memoriam* (excerpt)
 - "Sweet and Low"
 - "The Wanderer"
- Wordsworth, William.
 - "It is a Beauteous Evening, Calm and Free"
 - "Lines Composed a Few Miles Above Tintern Abbey"
 - "London, 1802"
 - "She Dwelt Among the Untrodden Ways"

Unit 1: The Worth of Words			
Assignments			
English IV	1.	Course Overview	15. Dangling Modifiers and Parallelism
	2.	Roots and Affixes	16. Errors in Reference, Agreement, and Logic
	3.	Word Elements	17. Diction
	4.	Jargon and Acronyms	18. Essay: Writing a Longer Essay
	5.	Quiz 1: Word Study	19. Quiz 3: Sentence Structure
	6.	Expository Writing	20. Documentation
	7.	Paragraph Structure	21. Works Cited
	8.	Essay: Writing a Paragraph	22. Parenthetical Citation
	9.	Coherence and Consistency in Writing	23. Documentation Review
	10.	Mechanics	24. Special Project*
	11.	Spelling	25. Test: The Worth of Words
	12.	Additional Spelling Drill*	26. Alternate Test: The Worth of Words*
	13.	Quiz 2: Expository Writing	27. Reference
	14.	Sentence Structure	

Unit 2: The Structure of Language		
English IV	Assignments	
	1. Nouns and Pronouns	10. Gerunds and Infinitives
	2. Verbs and Verb Phrases	11. Adverb and Adjective Clauses
	3. Other Parts of Speech	12. Noun Clauses
	4. Quiz 1: Parts of Speech	13. Project: Variety in Writing
	5. The Structure of Sentences	14. Quiz 3: Methods of Subordination
	6. The Parts of the Sentence	15. Special Project*
	7. Project: Sentence Patterns	16. Test: The Structure of Language
	8. Quiz 2: Sentence Structure	17. Alternate Test: The Structure of Language*
	9. Methods of Subordination: Participles	18. Reference
English IV	Unit 3: Reading and Research	
	Assignments	
	1. Word Recognition: Drill One	11. Project: Web Search Projects*
	2. Identifying Main Ideas	12. Phrase Recognition: Drill Five
	3. Word Recognition: Drill Two	13. Taking Effective Notes
	4. Opinions, Implications, and Inferences	14. Project: Writing a Paper from Notes
	5. Essay: Using Details in Writing	15. Quiz 2
	6. Quiz 1: Reading for Comprehension	16. Special Project*
	7. Phrase Recognition: Drill Three	17. Test: Reading and Research
	8. Finding Information in the Library	18. Alternate Test: Reading and Research*
	9. Word Meaning: Drill Four	19. Reference
	10. Finding Information on the Internet	
English IV	Unit 4: Language, God's Gift to Man	
	Assignments	
	1. Origin of Language	8. Project: Semantics and Advertising
	2. Quiz 1: Origin of Language	9. Project: Levels of Usage and Meaning
	3. Grammar	10. Quiz 3: Semantics
	4. Structural Grammar	11. Special Project*
	5. Generative Grammar	12. Test: Language
	6. Quiz 2: Grammar	13. Alternate Test: Language*
	7. Semantics	14. Reference

Unit 5: Medieval English Literature		
English IV	Assignments	
	1. Early England	13. 14th Century Writers; Chaucer
	2. Old English	14. Chaucer's Language
	3. The Epic and Beowulf	15. Canterbury Tales
	4. Project: Kennings*	16. Essay: Character Study
	5. Project: Beowulf*	17. Essay: Modern Pilgrimage*
	6. Elegies, Riddles, and Gnomes	18. The Nun's Priest's Tale
	7. Essay: The Elegies	19. Response to The Nun's Priest's Tale
	8. Quiz 1: Old English	20. Quiz 3: Fourteenth Century Literature
	9. English Literature (1066-1400)	21. Special Project*
	10. Project: Ballad*	22. Test: Medieval English Literature
	11. Essay: 13th C. Literary Forms*	23. Alternate Test: Medieval English Literature*
	12. Quiz 2: Early Middle English	24. Reference
Unit 6: Elizabethan Literature		
English IV	Assignments	
	1. Elizabethan Songs	13. Hamlet: Act III
	2. Elizabethan Sonnets: Sidney	14. Hamlet: Act IV
	3. Sonnets: Spenser, Shakespeare, and Donne	15. Hamlet: Act V
	4. Translations and Prose	16. Quiz 3: Hamlet
	5. Essay: Elizabethan Literature*	17. The Critical Essay
	6. Quiz 1: Elizabethan Poetry and Prose	18. Project: Preparing the Critical Essay
	7. Elizabethan Drama	19. Essay: Writing the Critical Essay
	8. William Shakespeare	20. Quiz 4: The Critical Essay
	9. Quiz 2: Elizabethan Drama	21. Special Project*
	10. Hamlet: Act I, i-ii	22. Test: Elizabethan Literature
	11. Hamlet: Act I, iii-v	23. Alternate Test: Elizabethan Literature*
	12. Hamlet: Act II	24. Reference
Unit 7: 17th- and 18th-Century English Literature		
English IV	Assignments	
	1. The Historical Background of the Literature	11. Samuel Johnson
	2. John Milton	12. Oliver Goldsmith
	3. On the Morning of Christ's Nativity	13. Essay: Swift and Goldsmith
	4. Paradise Lost: Book I	14. Quiz 3: Johnson and Goldsmith
	5. Paradise Lost: Book VII, Book XII	15. Special Project*
	6. John Bunyan	16. Test: 17th- and 18th-Century English Literature
	7. Quiz 1: Milton and Bunyan	17. Alternate Test: 17th- and 18th-Century English Literature*
	8. Alexander Pope	18. Reference
	9. Jonathan Swift	
	10. Quiz 2: Pope and Swift	

Unit 8: Romantic and Victorian Poetry		
English IV	Assignments	
	1. Romantic Revolution	13. Quiz 2: The Romantic Poets
	2. Poetic Revolution	14. Victorian Variety
	3. Quiz 1: The Romantic Age	15. Essay: Queen Victoria
	4. Romantic Poets: Wordsworth	16. Alfred, Lord Tennyson
	5. William Wordsworth: Other Poems	17. Essay: Views of Nature
	6. Essay: Lessons from Nature	18. Robert and Elizabeth Barrett Browning
	7. Samuel Taylor Coleridge	19. Gerard Manley Hopkins
	8. George Gordon, Lord Byron	20. Quiz 3: The Victorian Poets
	9. Essay: Response to Guilt	21. Special Project*
	10. Percy Bysshe Shelley	22. Test: Romantic and Victorian Poetry
	11. John Keats	23. Alternate Test: Romantic and Victorian Poetry*
	12. Essay: John Constable*	24. Reference
Unit 9: Creative Writing		
English IV	Assignments	
	1. Fiction	12. Writing the Poem
	2. Poetry	13. Project: Using Personification*
	3. Quiz 1: Fiction and Poetry	14. Project: Writing A Poem
	4. Writing the Short Story	15. Project: Writing Free Verse
	5. Project: Journal*	16. Project: Writing a Limerick*
	6. Project: Writing Descriptions	17. Quiz 3: Writing Poetry
	7. Project: Character Sketch	18. Special Project*
	8. Narration and Style	19. Test: Creative Writing
	9. Essay: Inventing Characters*	20. Alternate Test: Creative Writing*
	10. Essay: Writing a Short Story	21. Reference
	11. Quiz 2: Writing the Short Story	
Unit 10: Review		
English IV	Assignments	
	1. Origin and Form of Words	15. Elizabethan Literature
	2. Grammar and Semantics	16. Elizabethan Drama
	3. Reading and Literature Types	17. Hamlet
	4. Expository Writing	18. Quiz 2: The Middle Ages and Renaissance
	5. Project: Expository Paragraph	19. Seventeenth-Century Puritan Literature
	6. Sentence Structure	20. Satire, Sense, and Sensibility
	7. Sentence Errors	21. Romantic Poetry
	8. Essay: Expository Essay*	22. The Victorian Era
	9. Creative Writing	23. Quiz 3: 17th-19th-Century English Literature
	10. Quiz 1: Language	24. Special Project*
	11. Medieval English Literature	25. Test: Review
	12. Beowulf and Medieval English History	26. Alternate Test: Review*
	13. Middle English Literature	27. Reference
	14. The Canterbury Tales	

Pre-calculus

Pre-calculus is a full-year, high school credit course that is intended for the student who has successfully mastered the core algebraic and conceptual geometric concepts covered in the prerequisite courses: Algebra I, Geometry, and Algebra II. The course primarily focuses on the skills and methods of analytic geometry and trigonometry while investigating further relationships in functions, probability, number theory, limits, and the introduction of derivatives.

Upon successfully completing the course, students should have mastered the following concepts:

- Perform operations on functions including composition and inverses.
- Graph, evaluate, and solve exponential and logarithmic functions and equations.
- Utilize the unit circle in evaluating trigonometric identities; prove trigonometric identities; graph trigonometric functions and their inverses.
- Solve application problems involving right triangle trigonometry, special right triangles, and law of sines and cosines.
- Convert between Cartesian and polar forms; graph equations in polar coordinates.
- Graph and solve quadratic equations that include conic sections.
- Calculate probabilities, combinations, and permutations.
- Calculate summations and limits of functions.
- Relate analytical operations of limits, slope of a tangent line, and the definition of a derivative.

Unit 1: Relations and Functions		
Pre-calculus	Assignments	
	1. Course Overview	8. Algebra of Functions: Composition
	2. Ordered-Pair Numbers: Relations	9. Algebra of Functions: Inverse
	3. Ordered-Pair Numbers: Functions	10. Quiz 2: Relations and Functions
	4. Ordered-Pair Numbers: Rules of Correspondence	11. Special Project*
	5. Quiz 1: Relations and Functions	12. Test
	6. Algebra of Functions: Notation	13. Alternate Test*
	7. Algebra of Functions: Arithmetic	14. Glossary and Credits

Unit 2: Functions		
Pre-calculus	Assignments	
	1. Linear Functions: Graphs	14. Conjugates and Polynomial Identities
	2. Linear Functions: Equations	15. Distance and Midpoint
	3. Quiz 1: Linear Functions	16. Quiz 4: Complex Numbers
	4. 2nd-Degree Functions: Solutions	17. Rational Inequalities
	5. Relationships Between Zeros and Coefficients	18. Greatest Integer Function
	6. Quadratic Inequalities	19. Exponential Function
	7. Quiz 2: Second-Degree Functions	20. Logarithmic Function
	8. Polynomial Functions	21. Function Combinations
	9. Nth-Degree Equations	22. Quiz 5: Special Functions
	10. Solving Polynomial Equations	23. Special Project*
	11. Quiz 3: Polynomial Functions	24. Test
	12. Complex Numbers	25. Alternate Test*
	13. Operations with Complex Numbers	26. Glossary and Credits

Unit 3: Trigonometric Functions		
Pre-calculus	Assignments	
	1. Definition of the Trigonometric Functions	10. Quiz 5: Quadrantal Angles
	2. Quiz 1: Trigonometric Functions	11. Special Angles
	3. Evaluation of Functions	12. Quiz 6: Special Angles
	4. Quiz 2: Evaluation of Functions	13. Radian Measure
	5. Angle Location	14. Quiz 7: Radian Measure
	6. Quiz 3: Angle Location	15. Special Project*
	7. Reduction Formulas	16. Test
	8. Quiz 4: Reduction Formulas	17. Alternate Test*
	9. Quadrantal Angles	18. Glossary and Credits
Unit 4: Circular Functions and Their Graphs		
Pre-calculus	Assignments	
	1. Circular Functions	12. Amplitude of Circular Functions
	2. Quiz 1: Circular Functions	13. Quiz 6: Amplitude of Circular Functions
	3. Circular Functions of Special Angles	14. Period of Circular Functions
	4. Quiz 2: Circular Functions of Special Angles	15. Quiz 7: Period of Circular Functions
	5. Graphs of Sin and Cos	16. Phase Shift of Circular Functions
	6. Quiz 3: Graphs of Sin and Cos	17. Quiz 8: Phase Shift of Circular Functions
	7. Other Graphs	18. Special Project*
	8. Quiz 4: Other Graphs	19. Test
	9. Applications	20. Alternate Test*
	10. Parametric Equations	21. Glossary and Credits
	11. Quiz 5: Applications	
Unit 5: Identities and Functions of Multiple Angles		
Pre-calculus	Assignments	
	1. Reciprocal Relations	12. Quiz 6: Additional Sum and Difference Formulas
	2. Quiz 1: Reciprocal Relations	13. Double- and Half-Angle Formulas
	3. Pythagorean Relations	14. Quiz 7: Double- and Half-Angle Formulas
	4. Quiz 2: Pythagorean Relations	15. Identities
	5. Quotient Relations	16. Quiz 8: Identities
	6. Quiz 3: Quotient Relations	17. Trigonometric Equations
	7. Trigonometric Identities	18. Quiz 9: Trigonometric Equations
	8. Quiz 4: Trigonometric Identities	19. Special Project*
	9. Cosine of the Sum of Two Angles	20. Test
	10. Quiz 5: Cosine of the Sum of Two Angles	21. Alternate Test*
	11. Additional Sum and Difference Formulas	22. Glossary and Credits
Unit 6: Semester Review and Exam		
Pre-calculus	Assignments	
	1. Review	3. Alternate Exam—Form A*
	2. Exam	4. Alternate Exam—Form B*

Unit 7: Application of Trigonometric Functions		
Pre-calculus	Assignments	
	1. Trigonometric Functions of Any Angle	12. Applications of Vectors
	2. Quiz 1: Trigonometric Functions of Any Angle	13. More Applications
	3. More Trigonometric Functions of Any Angle	14. Quiz 5: More Applications
	4. Quiz 2: Trigonometric Functions	15. Inclined Plane Application
	5. Applied Problems	16. Navigation Application
	6. Law of Cosines	17. Quiz 6: Additional Application Problems
	7. Quiz 3: Law of Cosines	18. Special Project*
	8. Law of Sines	19. Test
	9. Quiz 4: Law of Sines	20. Alternate Test*
	10. Vectors	21. Glossary and Credits
	11. Operations with Vectors	
Unit 8: Inverse Trigonometric Functions and Polar Coordinates		
Pre-calculus	Assignments	
	1. The Inverse Sine Function	15. Converting Cartesian Equations to Polar Equations
	2. Quiz 1: The Inverse Sine Function	16. Quiz 8: Converting Cartesian Equations to Polar Equations
	3. The Inverse Cosine Function	17. Converting Polar Equations to Cartesian Equations
	4. Quiz 2: The Inverse Cosine Function	18. Quiz 9: Converting Polar Equations to Cartesian Equations
	5. The Inverse Tangent Function	19. Graphing Polar Equations
	6. Quiz 3: The Inverse Tangent Function	20. Quiz 10: Graphing Polar Equations
	7. Other Inverse Functions	21. Project: De Moivre's Theorem
	8. Quiz 4: Other Inverse Functions	22. Special Project*
	9. Graphs of Inverse Functions	23. Test
	10. Quiz 5: Graphs of Inverse Functions	24. Alternate Test*
	11. Graphing Polar Coordinates	25. Glossary and Credits
	12. Quiz 6: Graphing Polar Coordinates	
	13. Converting Coordinates	
	14. Quiz 7: Converting Coordinates	
Unit 9: Quadratic Equations		
Pre-calculus	Assignments	
	1. The Circle	13. The Parabola Applied
	2. The Circle Continued	14. The Hyperbola
	3. Equation from Three Points	15. Quiz 2: Quadratic Equations
	4. Equation from Three Points Applied	16. Translation
	5. The Ellipse	17. Translation of Equations
	6. The Ellipse: Standard Form	18. Rotation
	7. The Ellipse: General Form	19. Rotation of Equations
	8. The Ellipse Applied	20. Quiz 3: Quadratic Equations
	9. Quiz 1: Quadratic Equations	21. Special Project*
	10. The Parabola	22. Test
	11. The Parabola Continued	23. Alternate Test*
	12. The Parabola: Standard Form	24. Glossary and Credits

Unit 10: Counting Principles		
Pre-calculus	Assignments	
	1. Definitions, Sample Spaces, and Probability	11. Quiz 2: Probability
	2. Addition of Probabilities	12. Arithmetic and Geometric Sequences
	3. Multiplication of Probabilities	13. Summation
	4. Quiz 1: Probability	14. Arithmetic and Geometric Series
	5. Definitions	15. Quiz 3: Sequences and Series
	6. Permutation of N Things: Different	16. Proofs by Mathematical Induction
	7. Permutation of N Things: Not All Different	17. Special Project
	8. Circular Permutations	18. Test
	9. Combinations	19. Alternate Test
	10. Binomial Theorem	20. Glossary and Credits
Unit 11: Calculus and Review		
Pre-calculus	Assignments	
	1. Functional Notation	11. Review: Identities, Multiple Angle Functions
	2. Difference Quotient	12. Review: Inverse Trig Functions; Polar Coordinates; Quadratics
	3. Limits	13. Review: Probability and Calculus
	4. Quiz 1: Limits	14. Quiz 3: Reviews
	5. Slope of a Curve	15. Special Project
	6. Slope of a Line	16. Test
	7. Angle Between Curves	17. Alternate Test
	8. Quiz 2: Slopes and Curves	18. Glossary and Credits
	9. Review: Relations and Functions	
	10. Review: Trigonometric and Circular Functions	
Unit 12: Semester Review and Exam		
Pre-calculus	Assignments	
	1. Review	3. Alternate Exam—Form A*
	2. Exam	4. Alternate Exam—Form B*
Unit 13: Final Exam		
Pre-calculus	Assignments	
	1. Exam	3. Alternate Exam—Form B*
	2. Alternate Exam—Form A*	

Physics

Physics is intended to expose students to the design and order in the world that God has created. In preceding years, students should have developed a basic understanding of the macroscopic and microscopic world of forces, motion, waves, light, and electricity. The physics course will expand upon that prior knowledge and further develop both. The curriculum will also seek to teach the symbolic and mathematical world of formulas and symbols used in physics. The major concepts covered are kinematics, forces and motion, work and energy, sound and light waves, electricity and magnetism, and nuclear physics.

Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Physics should be preceded by Algebra I and II courses and geometry.

Upon completion of the course, students should be able to do the following:

- Use scalars and vectors to visualize and calculate concepts of motion.
- Articulate Newton's and Kepler's laws of motion.
- Demonstrate an understanding of how energy is transferred and changed from one form to another.
- Describe how sound and light waves act and react.
- Differentiate between static and current electricity and describe each one.
- Know the relationship between magnetism and electricity.
- Have a general understanding of atomic theory, including fusion and fission.

Unit 1: Kinematics	
Assignments	
Physics	1. Course Overview
	2. Introduction to the Language of Physics
	3. Experiment: Making a Soda Straw Balance
	4. Experiment: Making a Simple Model of the Solar System
	5. Quiz 1: Measurements
	6. Scalars and Vectors
	7. Quiz 2: Scalars and Vectors
	8. Speed and Velocity
	9. Project: Tutorial for Making a Scatter Plot Using an Electronic Spreadsheet Program*
	10. Quiz 3: Speed and Velocity
	11. Acceleration and Acceleration Due to Gravity
	12. Experiment: Determining Reaction Time
	13. Quiz 4: Acceleration and Acceleration Due to Gravity
	14. Vectors
	15. Projectiles
	16. Quiz 5: Review
	17. Special Project*
	18. Review Game
	19. Test
	20. Alternate Test*
	21. Reference

Unit 2: Dynamics		
Physics	Assignments	
	1. Newton's First and Second Laws	13. Experiment: Collisions
	2. Report: Isaac Newton	14. Quiz 4
	3. Quiz 1	15. Kepler's Laws of Planetary Motion
	4. Project: Virtual Lab - Newton's Laws	16. Report: Solar System
	5. Gravity	17. Experiment: Kepler's Law
	6. Quiz 2	18. Quiz 5
	7. Uniform Circular Motion	19. Special Project
	8. Project: Virtual Lab - Circular Motion	20. Review Game
	9. Experiment: Circular Motion	21. Test
	10. Quiz 3	22. Alternate Test
	11. Newton's Third Law and Conservation of Momentum	23. Reference
	12. Project: Virtual Lab - Conservation of Momentum	
Unit 3: Work and Energy		
Physics	Assignments	
	1. Work, Kinetic, and Potential Energy	11. Latent Heat
	2. Report: Nuclear Energy*	12. Experiment: Latent Heat*
	3. Quiz 1	13. Laws of Thermodynamics
	4. Conservation of Energy	14. Quiz 3
	5. Power and Efficiency	15. Special Project*
	6. Project: Virtual Lab- Simple Machines	16. Review Game
	7. Experiment: Simple Machines	17. Test
	8. Quiz 2	18. Alternate Test*
	9. Project: Virtual Lab- Projectiles	19. Reference
	10. Heat Energy	
Unit 4: Introduction to Waves		
Physics	Assignments	
	1. Characteristics of Waves	10. Project: Virtual Lab- Sound
	2. Experiment: Wave Speeds	11. Project: Virtual Lab- Doppler Effect
	3. Experiment: Pulses*	12. Experiment: Doppler Effect*
	4. Quiz 1	13. Quiz 3
	5. Wave Phenomena	14. Special Project*
	6. Experiment: Waves	15. Review Game
	7. Experiment: Bending Waves*	16. Test
	8. Quiz 2	17. Alternate Test*
	9. Sound Waves	18. Reference

Unit 5: Light	
Physics	Assignments
	1. Speed of Light: Historical Calculations
	2. Properties of Light
	3. Experiment: Light Angles
	4. Experiment: Water Refraction*
	5. Quiz 1
	6. Mirrors
	7. Experiment: Convergence
	8. Lenses
	9. Quiz 2
	10. Light Phenomena and Models of Light
	11. Project: Virtual Lab- Light
	12. Experiment: Light Observations*
	13. Quiz 3
	14. Special Project*
	15. Review Game
	16. Test
	17. Alternate Test*
	18. Reference

Unit 6: Semester Review and Exam	
Physics	Assignments
	1. Review
	2. Exam
	3. Alternate Exam- Form A*
	4. Alternate Exam- Form B*

Unit 7: Static Electricity	
Physics	Assignments
	1. Electric Charges
	2. Coulomb's Law
	3. Experiment: Static Electricity*
	4. The Transfer of Charges
	5. Quiz 1
	6. Electric Fields
	7. Quiz 2
	8. Electric Potential
	9. Potential and Energy
	10. Quiz 3
	11. Special Project*
	12. Review Game
	13. Test
	14. Alternate Test*
	15. Reference

Unit 8: Electric Currents	
Physics	Assignments
	1. Sources of EMF
	2. Project: Research and Report*
	3. Fluid Flow
	4. Quiz 1
	5. Resistance
	6. Quiz 2
	7. Ohm's Law
	8. Circuits
	9. Project: Virtual Lab- Circuits
	10. Quiz 3
	11. Special Project*
	12. Review Game
	13. Test
	14. Alternate Test*
	15. Reference

Unit 9: Magnetism		
Physics	Assignments	
	1. Fields and Forces	9. Electron Beams
	2. Experiment: Magnetic Fields*	10. Quiz 3
	3. Forces	11. Special Project*
	4. Quiz 1	12. Review Game
	5. Electromagnetism	13. Test
	6. Experiment: Induced Magnetic Fields*	14. Alternate Test*
	7. Electromagnetic Induction	15. Reference
	8. Quiz 2	

Unit 10: Atomic and Nuclear Physics		
Physics	Assignments	
	1. Quantum Theory	9. Nuclear Reactions
	2. X-Rays, Matter Waves, and the Uncertainty Principle	10. Fusion and Applications of Nuclear Energy
	3. Quiz 1	11. Quiz 3
	4. Early Atomic Models	12. Special Project*
	5. Report: Early Atomic Physics*	13. Review Game
	6. Bohr Model	14. Test
	7. Nuclear Theory	15. Alternate Test*
	8. Quiz 2	16. Reference

Unit 11: Review		
Physics	Assignments	
	1. Mechanics	12. Modern Physics
	2. Dynamics	13. The Bohr Atom
	3. Energy	14. Duality
	4. Quiz 1	15. Nuclear Energy
	5. Wave Motion	16. Quiz 4
	6. Light and Sound	17. Special Project*
	7. Quiz 2	18. Review Game
	8. Electricity and Magnetism	19. Test
	9. Fields and Forces	20. Alternate Test*
	10. Circuits	21. Reference
	11. Quiz 3	

Unit 12: Semester Review and Exam		
Physics	Assignments	
	1. Review	3. Alternate Exam: Form A*
	2. Exam	4. Alternate Exam: Form B*

Unit 13: Final Exam		
Physics	Assignments	
	1. Exam	3. Alternate Exam: Form B*
	2. Alternate Exam: Form A*	

Electives

American Literature

American Literature is a five-unit elective that engages high school students in a literary conversation with some of the most colorful and influential minds in American history. Their words will give students a greater understanding of themselves, their culture, and the ideas of others. The course teaches students the various movements in American literature, starting with the roots of American literature in writings from the Puritans. The course concludes with works by Dr. Martin Luther King, Jr., and other black writers who were part of the struggle for racial freedom during the civil rights era.

Through this course, students will do the following:

- Recognize the religious beliefs of selected founding fathers, as evidenced in their writings.
- Identify the birth of a distinctively American literature.
- Recognize the impact of slavery on individuals and society.
- Understand and identify the influence of modernism upon religion and the arts.
- Recognize the dominant themes and techniques used in literature at the end of the twentieth century.

Unit 1: Early American Literature 1600-1800		
Assignments		
American Literature	1. Course Overview	14. Jonathan Edwards
	2. Introduction: The Puritans	15. Benjamin Franklin
	3. John Smith	16. Essay: Authors' Views of Mankind
	4. William Bradford	17. Thomas Paine
	5. John Winthrop	18. Thomas Jefferson
	6. Quiz 1: The Puritans	19. Michel-Guillaume Jean de Crevecoeur
	7. The Colonists: Mary Rowlandson	20. Essay: Biblical Imagery and References*
	8. Anne Bradstreet	21. Quiz 3: Days of Change and Revolution
	9. Essay: Comparing Authors' Views	22. Special Project*
	10. Edward Taylor	23. Test: Early American Literature
	11. Samuel Sewall	24. Alternate Test: Early American Literature*
	12. Quiz 2: The Colonists	25. Reference
	13. Days of Change and Revolution 1700-1800	

Unit 2: The Romantic Period 1800-1855**Assignments**

American Literature	1. A New Nation 1800-1840: Introduction	13. Quiz 2: The Fireside Poets and Transcendentalists
	2. Washington Irving	14. The Voices of Despair: Edgar Allen Poe
	3. James Fenimore Cooper	15. The Voices of Despair: Nathaniel Hawthorne
	4. William Cullen Bryant	16. The Voices of Despair: Herman Melville
	5. Quiz 1: A New Nation	17. The Voices of Despair: Emily Dickinson
	6. American Naissance 1840-1855: Introduction	18. Project: Responding to Literature
	7. The Fireside Poets: Henry Wadsworth Longfellow	19. Quiz 3: The Voices of Despair
	8. The Fireside Poets: John Greenleaf Whittier	20. Special Project*
	9. The Fireside Poets: Oliver Wendell Holmes	21. Test: The Romantic Period
	10. The Transcendentalists: Ralph Waldo Emerson	22. Alternate Test: The Romantic Period*
	11. The Transcendentalists: Henry David Thoreau	23. Reference
	12. The Transcendentalists: Walt Whitman	

Unit 3: War and Reconciliation 1855-1915**Assignments**

American Literature	1. Secession and Loyalty 1855-1865: Introduction	13. Naturalists, Regionalists and Realists: Stephen
	2. Frederick Douglass	14. Crane
	3. Harriet Beecher Stowe	15. Kate Chopin
	4. Spirituals	16. Paul Laurence Dunbar
	5. Robert E. Lee	17. Jack London
	6. Abraham Lincoln	18. Essay: Analysis and Response
	7. Quiz 1: Secession and Loyalty 1855 - 1865	19. Quiz 3: Naturalists, Regionalists, and Realists
	8. Realism and Naturalism 1865-1915: Introduction	20. Special Project*
	9. Samuel Langhorne Clemens (Mark Twain)	21. Test: War and Reconciliation
	10. William Dean Howells	22. Alternate Test: War and Reconciliation*
	11. Henry James	23. Reference
	12. Quiz 2: Realism and Naturalism 1865 - 1915	

Unit 4: The Modern Age 1915-1946**Assignments**

American Literature	1. The Modern Age	12. Quiz 2: Modern Poetry
	2. Modern Prose: Ernest Hemingway	13. Other Modern Age Literature: Harlem Renaissance, Langston Hughes
	3. F. Scott Fitzgerald	14. Drama: Thornton Wilder
	4. Quiz 1: Modern Prose	15. Religious Works: J. Gresham Machen
	5. Modern Poetry: Ezra Pound	16. Quiz 3: Other Literature
	6. Carl Sandburg	17. Special Project*
	7. E. E. Cummings	18. Test: The Modern Age
	8. Wallace Stevens	19. Alternate Test: The Modern Age*
	9. Robert Frost	20. Reference
	10. W. H. Auden	
	11. Project: Poetry Models	

Unit 5: From Modern to Postmodern 1946-Present		
American Literature	Assignments	
	1. The Birth of Postmodernism: Introduction	11. Social Issues: Martin Luther King, Jr.
	2. Flannery O'Connor (1)	12. Essay: Dr. King's Literary Allusions
	3. Flannery O'Connor (2)	13. Ralph Ellison
	4. Flannery O'Connor (3)	14. Gwendolyn Brooks
	5. Theodore Roethke	15. Project: Responding to Postmodernism
	6. Quiz 1: The Birth of Postmodernism	16. Quiz 3: Social Issues
	7. More Contemporary Writers: Eudora Welty	17. Special Project*
	8. John Updike	18. Test: From Modern to Postmodern
	9. Robert Trail Spence Lowell, Jr.	19. Alternate Test: From Modern to Postmodern*
	10. Quiz 2: More Contemporary Writers	20. Reference

Unit 5: From Modern to Postmodern 1946-Present		
American Literature	Assignments	
	1. The Birth of Postmodernism: Introduction	11. Social Issues: Martin Luther King, Jr.
	2. Flannery O'Connor (1)	12. Essay: Dr. King's Literary Allusions
	3. Flannery O'Connor (2)	13. Ralph Ellison
	4. Flannery O'Connor (3)	14. Gwendolyn Brooks
	5. Theodore Roethke	15. Project: Responding to Postmodernism
	6. Quiz 1: The Birth of Postmodernism	16. Quiz 3: Social Issues
	7. More Contemporary Writers: Eudora Welty	17. Special Project*
	8. John Updike	18. Test: From Modern to Postmodern
	9. Robert Trail Spence Lowell, Jr.	19. Alternate Test: From Modern to Postmodern*
	10. Quiz 2: More Contemporary Writers	20. Reference

British Literature

Beginning with works from the Middle Ages, British Literature is a five-unit course that teaches high school students about some of the greatest books of Western Civilization. Students will learn how to appreciate the English literature of the Middle Ages for its wisdom and beauty and will also gain a better understanding of the development of the English language and its literature. Course units cover one to two centuries, concluding with the writings of apologist C.S. Lewis in the 20th century.

Through this course, students will do the following:

- Gain a better understanding of the beginning and development of the English language and its literature.
- Recognize the Bible's central importance to the English Reformation.
- Appreciate the wisdom and eloquence of the authors of each period.
- Evaluate literature by comparing it to Scripture.
- Discern the causes and the consequences of "the absence of God" from modern society.
- Appreciate the influence of Christian writers in the twentieth century.

Unit 1: The Middle Ages		
British Literature	Assignments	
	1. Course Overview	12. Morality Plays: Everyman
	2. Introduction	13. Sir Thomas Malory: Le Morte d' Arthur
	3. Old English Literature: Bede	14. Le Morte d' Arthur II
	4. Beowulf	15. Le Morte d' Arthur III
	5. Project: Metonymy	16. Essay: Comparing Literature to Scripture
	6. Quiz 1: Introduction and Old English Literature	17. Quiz 3: Morality Plays and Malory's Le Morte d' Arthur
	7. Middle English Literature: Chaucer	
	8. The Pardoner's Tale	18. Special Project*
	9. Piers Plowman	19. Test: The Middle Ages
	10. Project: Illuminated Manuscripts	20. Alternate Test: The Middle Ages*
	11. Quiz 2: Middle English Literature	21. Reference

Unit 2: The Sixteenth Century		
British Literature	Assignments	
	1. The Renaissance and Reformation	14. The Taming of the Shrew 1
	2. The Early Renaissance: Sir Thomas More	15. The Taming of the Shrew 2
	3. Roger Ascham	16. The Taming of the Shrew 3
	4. John Foxe	17. The Taming of the Shrew 4
	5. Quiz 1: The Renaissance and Reformation	18. The Taming of the Shrew 5
	6. Renaissance Poets: Sir Thomas Wyatt the Elder	19. Project: Exploring Shakespeare
	7. Sir Philip Sidney	20. The English Bible
	8. Edmund Spenser	21. Quiz 3: Renaissance Prose and Drama
	9. Mary (Sidney) Herbert, Countess of Pembroke	22. Special Project*
	10. Essay: Comparing Literature to Scripture	23. Test: The Sixteenth Century
	11. Quiz 2: Renaissance Poets	24. Alternate Test: The Sixteenth Century*
	12. Renaissance Prose and Drama: Sir Walter Raleigh	25. Reference
	13. William Shakespeare	

Unit 3: The Seventeenth and Eighteenth Centuries**Assignments**

British Literature

- | | |
|---|---|
| 1. The Stuarts and the Puritan Revolution 1603-1660 | 13. John Bunyan |
| 2. John Donne | 14. Jonathan Swift |
| 3. Ben Jonson | 15. Alexander Pope |
| 4. George Herbert | 16. Isaac Watts |
| 5. Quiz 1: The Stuarts and the Puritan Revolution | 17. Project: Responding to Literature |
| 6. More Seventeenth Century Writers: John Milton | 18. Quiz 3: The Restoration and Neoclassic Period |
| 7. John Owen | 19. Special Project* |
| 8. Essay: Comparing Literature to Scripture | 20. Test: The Seventeenth and Eighteenth Centuries |
| 9. Francis Bacon | 21. Alternate Test: The Seventeenth and Eighteenth Centuries* |
| 10. Quiz 2: More Seventeenth Century Writers | 22. Reference |
| 11. The Restoration and Neoclassic Period 1660-1785 | |
| 12. John Dryden | |

Unit 4: The Nineteenth Century (1798-1900)**Assignments**

British Literature

- | | |
|---------------------------------------|---|
| 1. The Romantic Era: Introduction | 15. John Henry Cardinal Newman |
| 2. William Blake | 16. Alfred, Lord Tennyson |
| 3. William Wordsworth | 17. Charles Dickens |
| 4. Samuel Taylor Coleridge | 18. Robert Browning |
| 5. Sir Walter Scott | 19. George Eliot |
| 6. Quiz 1: The Romantic Era | 20. Oscar Wilde |
| 7. The Late Romantic Era: Jane Austen | 21. Lewis Carroll |
| 8. Charles Lamb | 22. Project: Responding to Literature |
| 9. George Gordon, Lord Byron | 23. Quiz 3: The Victorian Era |
| 10. Percy Bysshe Shelley | 24. Special Project* |
| 11. John Keats | 25. Test: The Nineteenth Century |
| 12. Quiz 2: The Late Romantic Era | 26. Alternate Test: The Nineteenth Century* |
| 13. The Victorian Era: Introduction | 27. Reference |
| 14. Thomas Carlyle | |

Unit 5: The Twentieth Century**Assignments**

British Literature

- | | |
|--|--|
| 1. Introduction | 11. Modern Fiction: Virginia Woolf |
| 2. Thomas Hardy | 12. James Joyce |
| 3. Joseph Conrad | 13. Aldous Leonard Huxley |
| 4. G. K. Chesterton | 14. C. S. Lewis |
| 5. Quiz 1: Introduction | 15. Project: Responding to Literature |
| 6. Modern Poetry, Drama, and Prose: William Butler Yeats | 16. Quiz 3: Modern Fiction |
| 7. T. S. Eliot | 17. Special Project* |
| 8. George Bernard Shaw | 18. Test: The Twentieth Century |
| 9. Winston Churchill | 19. Alternate Test: The Twentieth Century* |
| 10. Quiz 2: Modern Poetry, Drama, and Prose | 20. Reference |

Civics

In this five-section elective, high-school students will learn about the rights and responsibilities of being an American citizen. By studying different forms of government, students will investigate what motivated America's founding fathers as they drafted the U.S. Constitution. Students will also learn about the branches of the U.S. government as laid out in the Constitution and about the structure of state and local governments. In each unit, students will complete an in-depth project related to that unit's topic.

Through this course, students will do the following:

- Understand the definition of government and explain its role in the life of the citizen.
- Explore why politics takes place any time a group of individuals is gathered together.
- Understand the differences and relationships between civic life, political life, and private life.
- Analyze the influence of the federal government on the American economy.
- Analyze the elements of America's market economy in a global setting.

Unit 1: A New Nation	
Assignments	
1. Course Overview	16. Civil Society and Government
2. The Distinctions Among Civic, Political, and Private Life	17. Relationship of Limited Government to Political and Economic Freedom
3. The Necessity of Politics and Government	18. Liberalism, Republicanism, and American Constitutional Republic
4. The Purpose of Politics and Government	19. Project: Conflict of Interest
5. Quiz 1	20. Quiz 3
6. Why Independence	21. Unitary, Confederal, or Federal?
7. Natural Rights	22. Nature of Representation
8. Given Rights	23. Fundamental Values and Principles
9. The Role of Religion	24. The Great Compromise
10. The Protestant Reformation	25. Quiz 4
11. Babylonian Monarchy, Greek Democracy, Roman Republic	26. Special Project*
12. Quiz 2	27. Test
13. Forms of Government	28. Alternate Test*
14. Religious and Political Freedom	29. Reference
15. Limits in Government	

Unit 2: The Constitution		
Civics	Assignments	
	1. Federalists and Anti-Federalists	10. Separation of Powers/Checks and Balances
	2. Project: Compare Bill of Rights	11. Quiz 2
	3. As Good As it Gets	12. The Ability to Change
	4. The Peaceful Transfer of Power	13. The Bill of Rights: Protection
	5. Quiz 1	14. The Bill of Rights: Interpretation
	6. Introduction to Constitutional Government	15. Quiz 3
	7. Constitutional Law in the United States Federal Government	16. Special Project*
	8. The Preamble	17. Test
	9. Project: A Limited Government	18. Alternate Test*
Unit 3: Branches of Government		
Civics	Assignments	
	1. Presidential Power	12. Quiz 2
	2. Electing a President	13. Organization of the Judicial Branch
	3. Case Study: The Election of 1824	14. The Role of the Supreme Court
	4. The Federal Bureaucracy	15. Judicial Activism vs. Judicial Restraint
	5. Project: Limits on Presidential Power	16. Making a More Perfect Union
	6. Quiz 1	17. Quiz 3
	7. A Two-House System	18. Special Project*
	8. Committees in Action	19. Test
	9. Project: Your Home Legislators*	20. Alternate Test*
Civics	10. How a Bill Becomes a Law	21. Reference
	11. Impeachment	
Unit 4: Government by the People		
Civics	Assignments	
	1. State Branches	17. Case Study: Prohibition
	2. Local Government: Types and Functions	18. Civic Responsibility
	3. Financing Government through Taxation	19. Becoming a Citizen
	4. Case Study: Integration of Schools	20. Quiz 3
	5. Direct Democracy	21. Diversity and the Character of American Society
	6. Quiz 1	22. Project: Constitutional Values and Principles
	7. Why Political Parties?	23. Voluntarism and Organized Groups
	8. Parties and Primaries	24. American Political Conflict
	9. Politics and Media	25. Conflicts of Values
	10. Districts, Special Interests, and Funding	26. Disparities between Ideals and Reality
Civics	11. Public Policy and Public Agenda	27. Quiz 4
	12. Project: Your Politics*	28. Special Project*
	13. Quiz 2	29. Test
	14. Your Rights	30. Alternate Test*
	15. Project: Limits of Freedom	31. Reference
	16. Citizens in Action	

Unit 5: Relationship to the World		
Assignments		
Civics	1. Government and Economics	15. Quiz 2
	2. Project: Economics of a New Business	16. Economic and Humanitarian Concerns
	3. International Economics	17. Political Concerns
	4. Case Study: The Middle East	18. Historical Context of Foreign Policy
	5. Project: Environmental Politics	19. Making and Implementing Foreign Policy
	6. Quiz 1	20. Means and Ends of Foreign Policy
	7. Types of Economic Systems	21. Impact of Democracy and Individual Rights on the World
	8. Communism	22. International Organizations
	9. Fascism	23. Quiz 3
	10. Project: The Jewish Holocaust	24. Special Project*
	11. American Capitalism	25. Test
	12. Personal, Political, and Economic Rights	26. Alternate Test*
	13. Geography, Politics, and Economics of Governments	27. Reference
	14. Project: New Governments	

Civil War

You are about to embark on the fascinating history of the Civil War. It is a story of human choices that linked the past to the present and influenced the future. It is a drama of how one nation changed through times of conflict and cooperation. It is a tale of two children (the North and South) living under the same roof (The United States) and how they disagreed over the issues of states' rights and slavery.

As you study the Civil War, you will detect patterns in the way people thought and acted. You will see familiar patterns in how battles were won and lost. You will also note how events happening today affect the future. The principle of cause and effect applies in everything you do.

Even today, there are some people who believe the South won the Civil War or that the North had no right to abolish slavery. Others cannot believe that people from the South found nothing wrong with enslaving fellow human beings. For all these people, their view of history differs from one another based on their perspective.

Regardless of where you stand, enjoy learning about this period in American history. It is filled with heroism and cowardness, conflict and cooperation, heartache and joy, triumph and tragedy. Hopefully, you will be able to apply the enduring understandings mentioned above to advance your understanding America.

Civil War

Unit 1: The Pre-War Years

Assignments

1.	Course Overview	11.	Abolition and John Brown
2.	Development of Two Cultures - Part 1	12.	Causes of Secession
3.	Development of Two Cultures - Part 2	13.	Storm over Sumter
4.	Life of a Slave	14.	Project: Comparing Wars
5.	Project: The Art of Compromise	15.	Quiz 3: Point of No Return
6.	Quiz 1: Two Cultures in Conflict	16.	Special Project*
7.	Political Compromises	17.	Review
8.	Kansas-Nebraska Act	18.	Test
9.	The Kansas Issue	19.	Alternate Test*
10.	Quiz 2: Compromise	20.	Glossary and Credits

Civil War

Unit 2: The Early Years

Assignments

1.	Why Fight?	11.	Fredericksburg
2.	The Anaconda Plan	12.	Emancipation Proclamation
3.	First Battle of Bull Run	13.	Chancellorsville
4.	Project: Anti-War Editorial	14.	Quiz 3: Freedom in Turmoil
5.	Quiz 1: The War Begins	15.	Project: Emancipation Proclamation Discussion
6.	Battle of Shiloh	16.	Special Project*
7.	The Summer of '62	17.	Review
8.	The War in the West	18.	Test
9.	Quiz 2: The South Takes Control	19.	Alternate Test*
10.	The Lost Orders	20.	Glossary and Credits

Unit 3: Turning Point		
Civil War	Assignments	
	1. Leadership of Two Presidents	12. Quiz 2: A Nation Suffers
	2. Gettysburg	13. Grierson's Raid
	3. Pickett's Charge	14. Siege of Vicksburg
	4. The Gettysburg Address	15. Lee and Grant
	5. Project: Two Presidents	16. Quiz 3: Control of the West
	6. Quiz 1: The Turning Point	17. Special Project*
	7. Turmoil on the Home Front	18. Review
	8. Women Make a Difference	19. Test
	9. Effects of War	20. Alternate Test*
	10. African Americans in the Military	21. Glossary and Credits
	11. Project: Effects of War	
Unit 4: War in the South		
Civil War	Assignments	
	1. Leadership of Two Presidents	12. Quiz 2: A Nation Suffers
	2. Gettysburg	13. Grierson's Raid
	3. Pickett's Charge	14. Siege of Vicksburg
	4. The Gettysburg Address	15. Lee and Grant
	5. Project: Two Presidents	16. Quiz 3: Control of the West
	6. Quiz 1: The Turning Point	17. Special Project*
	7. Turmoil on the Home Front	18. Review
	8. Women Make a Difference	19. Test
	9. Effects of War	20. Alternate Test*
	10. African Americans in the Military	21. Glossary and Credits
	11. Project: Effects of War	
Unit 5: Reconstruction of a Nation		
Civil War	Assignments	
	1. Petersburg	10. Three New Amendments
	2. Richmond Falls	11. Life After Reconstruction
	3. Lee Surrenders	12. Project: Effects of Amendments
	4. Quiz 1: The War Ends	13. Quiz 3: American Paradigm Shift
	5. Triumph and Tragedy	14. Special Project*
	6. Reconstruction of a Nation	15. Review
	7. Reconstruction Begins	16. Test
	8. Project: History of Impeachment	17. Alternate Test*
	9. Quiz 2: Triumph and Tragedy	18. Glossary and Credits
Unit 6: Course Review and Exam		
Civil War	Assignments	
	1. Review (1)	3. Exam
	2. Review (2)	4. Alternate Exam*

College Planner

College Planner is a one-semester high-school elective, with the following goals:

- guiding students in the entire college process
- planning for college
- selecting the right school
- the application process
- financial aid
- guiding students who may not be headed to college

The program focuses on the decision-making process of choosing a school, covering both the application process and financial requirements. Additionally, for those students who will not be attending college or university, the course surveys non-college options.

Upon completion of the course, students should be able to do the following:

- Articulate reasons for attending college and for choosing a specific institution over another.
- Identify the planning steps to be taken by students during each year of high school.
- Understand the basic differences between the SAT and ACT entrance exams, knowing how best to prepare for each one.
- Understand the major costs of attending college and what financial aid options are available.
- Identify post-high school options for individuals who will not be attending college.

Additionally, students will gain practice in report-writing, covering topics like God's plan, admissions essays, college costs, and more.

Course Structure:

Each unit has its own theme.

Unit 1: My Educational Future

The first unit focuses on the big questions: What's God's will for my educational future? Why go to college? Why choose a particular school?

Unit 2: Choosing A College

The two main themes of Unit 2 are calendars and lists.

- **Calendars:** This unit includes a series of planning calendars, identifying what a student should be doing during each year of high school in preparation for college.
- **Lists:** Unit 2 also helps a student identify several colleges that might be the right choice, and then narrow that long list down, identifying each college's strengths.

Unit 3: Entrance Exams And Applications

The theme of Unit 3 is *entrance exams and applications*. It gives students an introduction to all major entrance exams: the PSAT, the SAT I and SAT II, and the ACT. In addition, the application process is covered, including application essays.

Unit 4: Paying For College

The theme of Unit 4 is financial aid. In addition to explaining grants, loans, and scholarships, it covers these two questions: *What Does College Really Cost?* and *How Much Will You Be Expected to Pay?*

Unit 5: Non-College Options

Unit 5 focuses on non-college options, such as apprenticeships and internships. In addition, the military is considered as an option.

These content areas are presented in a reading-based format, utilizing a combination of on- and off-computer assignments and activities, with the power of SOS automation and administration.

Special Topics:

Unit 3 contains an assignment on specialized college applications which require a try-out or an audition, such as athletics and fine arts.

Unit 4 contains materials for parents and students, which takes a brief look at the scholarship "scam" industry and helps families learn how to avoid being scammed.

Multimedia Resources:

The SOS College Planner program provides a variety of multimedia resources (audio, video, and animation presentations) to help students understand abstract concepts.

A special feature of the College Planner course is an extensive series of video interviews with:

- the admissions officer of a Christian university,
- the admissions officer of a technical college,
- a financial aid officer,
- a university professor,
- Bible college students, and
- a graduate student of a state university.

Unit 1: My Educational Future	
College Planner	Assignments
	1. Course Overview
	2. Who Are You and What Do You Want?
	3. Report: God's Plan for You
	4. Common Reasons to Go to College
	5. What's God's Will for My Educational Future?
	6. Quiz 1: Education Goals
	7. Why Choose a Particular School?
	8. What Are Colleges Really Looking For?
	9. Quiz 2: Making Educational Decisions
	10. Special Project*
	11. Test
	12. Reference

Unit 2: Choosing a College	
College Planner	Assignments
	1. What Type of School is Right for Me?
	2. Freshmen/Sophomores: Planning Calendars
	3. Juniors/Seniors: Planning Calendars
	4. Quiz 1: Picking the Right School
	5. Your Ideal School: Creating Your Long List
	6. Your Ideal School: Creating Your Short List
	7. Project: Choose Your School
	8. Quiz 2: Narrowing Down the Choices
	9. Special Project*
	10. Test
	11. Reference

College Planner	Unit 3: Entrance Exams and Applications	
	Assignments	
	1. College Entrance Exams: The PSAT	7. Essay: Admissions Essay
	2. College Entrance Exams: The SAT Reasoning and SAT Subject Tests	8. Athletics and Fine Arts
	3. College Entrance Exams: The ACT	9. Quiz 2: The Application Process
	4. Quiz 1: Entrance Exams	10. Special Project*
	5. Applications and Recommendations	11. Test
	6. Admissions Essays	12. Reference
	College Planner	Unit 4: Paying for College
Assignments		
1. What Does College Cost?		7. A Message to Parents (and Students)
2. Project: The Costs of College		8. Quiz 2: Financial Aid
3. How Much Will You Be Expected to Pay?		9. Special Project*
4. Types of Financial Aid: Grants and Loans		10. Test
5. Quiz 1: College Costs		11. Reference
6. Types of Financial Aid: Scholarships and More		
College Planner		Unit 5: Non-College Options
	Assignments	
	1. Interviewing: Some Questions	7. Review
	2. Project: Your List of Questions*	8. Quiz 2: Other Options
	3. Mentoring	9. Special Project*
	4. Quiz 1: Getting Help with Questions	10. Test
	5. Other Options: Apprenticeship and Internship	11. Reference
	6. Other Options: Military	

Consumer Math

Consumer Math is an introduction to the many ways in which math can be used in everyday life. The course gives practical advice on how to handle situations that involve money and math principles. Consumer Math focuses on the basic skills and methods of arithmetic and provides students the opportunity to develop experience with algebraic techniques of evaluating variables and equations, including geometric formulas and interest equations. Students will also be introduced to topics in statistics.

Upon completion of the course, students should be able to do the following:

- Use basic math operations on fractions, decimals, and percents.
- Interpret graphs and charts.
- Understand sets and basic set theory.
- Calculate simple probabilities.
- Calculate statistical measures of variation.
- Use similarity and right triangle ratios for indirect measurement.
- Calculate taxes, discounts, and interest amounts.
- Apply math to everyday concerns, as well as to the realms of business and government.

The major areas of study in this course are as follows:

Number Skills

Number Skills lessons consist of basic math review. They emphasize non-algebra-related topics, such as decimals, fractions, and percentages, topics that are typically covered before high school.

Statistics

Statistics lessons are fairly advanced, providing instruction on sets and probability; measures of variation and distribution (such as standard deviation and z-scores); accurate sampling and confidence intervals; data interpretation; and graph creation and interpretation.

Geometry

Geometry lessons teach about measurement, focusing on applying measurement in the construction/building trades. These lessons cover ratio and proportion; perimeter, area, and volume of two- and three-dimensional figures (including pyramids, cones, cylinders, and spheres); and indirect measurement using similarity and right triangle relationships (including sine, cosine, and tangent).

Personal Finance

Consumer Math also offers instruction on personal finance, covering topics like job acquisition, payroll deduction, commissions and tips, buying/leasing/renting goods and equipment, health insurance, asset depreciation, vacation and travel costs, retirement, life insurance, and will and estate planning.

Taxes

Some lessons address the issue of taxes, discussing federal, state, and local taxes, and also FICA and miscellaneous taxes.

Banks and Financial Instruments

Consumer Math explores the world of banks and financial instruments, covering topics like savings and checking accounts; interest rates; stocks, bonds, and mutual funds; loan financing; credit cards; and mortgages.

Unit 1: Basic Math Review		
Consumer Math	Assignments	
	1. Course Overview	17. Quiz 3: Operations With Fractions
	2. Introduction	18. A Ratio Scale, Decimals, and Number Bases
	3. Number Skills	19. Operations and Decimals
	4. Signed Numbers and Measurement Scales	20. Consumer Application, Metrics
	5. A Consumer Application	21. Quiz 4: Decimals
	6. Division Review	22. Percent
	7. Quiz 1: Basic Operations	23. Base, Rate, Percentage
	8. Prime Numbers and Factors	24. Problem Solving
	9. Factors and Products	25. Quiz 5: Percent
	10. Fractions, LCM, and GCF	26. Mental Problem Solving
	11. Fractions	27. Final Review
	12. Quiz 2: Fractions	28. Special Project*
	13. Adding and Subtracting Fractions	29. Test: Basic Math Review
	14. Multiplying and Dividing Fractions	30. Alternate Test: Basic Math Review*
	15. Operations with Mixed Numbers	31. Reference
	16. Consumer Applications	
Unit 2: Personal Finance		
Consumer Math	Assignments	
	1. Money	12. Quiz 2: Wages
	2. Finding a Job	13. Self-Employment: Piecework
	3. Job Skills: Using Standard Units	14. Commission and Tips
	4. Job Skills: Using Metric Units	15. Retirement Planning
	5. Converting Systems	16. Quiz 3: Other Income
	6. Quiz 1: Job Skills	17. Story Problems with Review
	7. Part- and Full-Time Jobs	18. Special Project*
	8. Wages	19. Test: Personal Finance
	9. Payroll	20. Alternate Test: Personal Finance*
	10. Payroll Deductions	21. Reference
	11. Other Deductions	

Unit 3: Statistics		
Consumer Math	Assignments	
	1. Home Budget	13. Using the Standard Normal Distribution
	2. Organizing Data	14. Z-Scores and the Normal Distribution
	3. Sets and Probability (I)	15. Quiz 3: Measures of Variation
	4. Sets and Probability (II)	16. Sampling and Estimation
	5. Representing Data	17. A Balance Sheet
	6. Quiz 1: Data	18. Quiz 4: Balance Sheet
	7. Preparing a Cash Budget	19. Confidence Intervals
	8. Using Records in Planning	20. Unit Review
	9. A Home Business Application	21. Special Project*
	10. Quiz 2: Records	22. Test: Statistics
	11. Planning with Measures of Variations	23. Alternate Test: Statistics*
	12. Project: Using Statistics*	24. Reference
Unit 4: Taxes and Insurance		
Consumer Math	Assignments	
	1. Life Insurance	11. Quiz 2: Withholding
	2. Premiums	12. Taxes: Local
	3. Loans and Cash Value	13. Taxes: Other
	4. Health Insurance	14. Quiz 3: Taxes
	5. Project: Insurance*	15. Review
	6. Other Insurance	16. Special Project*
	7. Quiz 1: Insurance	17. Test: Taxes and Insurance
	8. Taxes: Federal 1040	18. Alternate Test: Taxes and Insurance*
	9. Taxes: FICA	19. Reference
	10. Taxes: State	
Unit 5: Banking Services and Investments		
Consumer Math	Assignments	
	1. Selecting a Bank	13. Mutual Funds
	2. Checking Accounts	14. Quiz 3: Investments
	3. Savings Accounts	15. Wills and Estates
	4. Quiz 1: Accounts	16. Project: Wills*
	5. Reconciling Statements	17. Distributing an Estate
	6. ATM'S	18. Quiz 4: Estate Planning
	7. Simple and Compound Interest	19. Review
	8. Other Services	20. Special Project*
	9. Quiz 2: Services	21. Test: Banking Services and Investments
	10. Financial Planning	22. Alternate Test: Banking Services and Investments*
	11. Stocks	23. Reference
	12. Bonds	

Unit 6: Banking and Credit Costs		
Consumer Math	Assignments	
	1. Overdraft Protection	10. Sequences, The Rule of 78
	2. Financing Large Purchases	11. Credit
	3. Interest First Loans	12. Credit Card Purchases
	4. Installment Loans	13. Quiz 3: Credit
	5. Quiz 1: Loans	14. Review
	6. The Annual Percentage Rate	15. Special Project*
	7. Automobile Loans	16. Test: Banking and Credit Costs
	8. Mortgages	17. Alternate Test: Banking and Credit Costs*
	9. Quiz 2: Mortgages	18. Reference

Unit 7: Purchase and Sale of Goods		
Consumer Math	Assignments	
	1. Purchasing and Variables	14. Quiz 3: Graphing and Comparing
	2. Discounts	15. Tabular Data Interpretation
	3. More Discounts	16. Depreciation Trends
	4. Markup	17. Buy, Lease, Rent (I)
	5. Quiz 1: Discounts and Markup	18. Buy, Lease, Rent (II)
	6. Graphs and Trends	19. Advertisements
	7. Cost Per Unit	20. Quiz 4: Interpreting Data
	8. Project: Buying Equipment*	21. Review
	9. Tables As Variables	22. Special Project*
	10. Quiz 2: Graphs and Tables	23. Test: Purchase and Sale of Goods
	11. Graphs, Functions, Slope	24. Alternate Test: Purchase and Sale of Goods*
	12. Project: Data Summaries*	25. Reference
	13. A Comparison Technique	

Unit 8: Leisure, Travel, and Retirement		
Consumer Math	Assignments	
	1. Leisure	11. Retirement Planning
	2. Free Activities	12. Comparing Travel Cost Benefits
	3. Hobbies	13. Project: Constructions*
	4. Angles	14. Quiz 3: Retirement and Comparing
	5. Outdoor Activities	15. Review
	6. Transportation and Travel	16. Special Project*
	7. Quiz 1: Leisure and Travel	17. Test: Leisure, Travel, and Retirement
	8. Physical Fitness	18. Alternate Test: Leisure, Travel, and Retirement*
	9. Vacations	19. Reference
	10. Quiz 2: Fitness and Vacations	

Unit 9: Job Related Services		
Consumer Math	Assignments	
	1. Ratio and Proportion	13. Solid Figures with Curved Boundaries
	2. Food Services	14. Mixture Problems
	3. Personal Appearance Services	15. Architects and Interior Design
	4. Pricing of Services	16. Quiz 3: Area and Volume
	5. Perimeter and Area	17. Geometry and Indirect Measure
	6. Quiz 1: Ratio, Proportion, and Formulas	18. Consumer Applications
	7. Facility Capacity Estimation	19. Quiz 4: Application Problems
	8. Applications	20. Review
	9. Circles	21. Special Project*
	10. Area Applications	22. Test: Job Related Services
	11. Quiz 2: Area	23. Alternate Test: Job Related Services*
	12. Solid Figures with Plane Boundaries	24. Reference
Unit 10: Consumer Math Review		
Consumer Math	Assignments	
	1. Review: Basic Math (I)	16. Quiz 3: Banking, Credit
	2. Review: Basic Math (II)	17. Review: Purchase and Sale of Goods (I)
	3. Review: Measurement	18. Review: Purchase and Sale of Goods (II)
	4. Review: Personal Finance (I)	19. Review: Travel
	5. Review: Personal Finance (II)	20. Quiz 4: Purchases, Sales, Travel
	6. Quiz 1: Basic Math, Measurement, Finances	21. Review: Leisure and Retirement
	7. Review: Budgeting (I)	22. Review: Geometry
	8. Review: Budgeting (II)	23. Review: Job Related Services
	9. Review: Insurance	24. Quiz 5: Leisure, Geometry, Services
	10. Review: Taxes	25. Extra Practice
	11. Quiz 2: Budgeting, Insurance, Taxes	26. Final Review
	12. Review: Banking and Investment (I)	27. Special Project*
	13. Review: Banking and Investment (II)	28. Test: Consumer Math Review
	14. Review: Banking and Credit Costs (I)	29. Alternate Test: Consumer Math Review*
	15. Review: Banking and Credit Costs (II)	30. Reference

Earth Science

Earth Science is a high school science course that explores Earth's structure, interacting systems, and place in the universe. The course uncovers concepts and processes found in:

- astronomy – Earth's place in and interaction with space,
- geology – physical structure and dynamic processes,
- meteorology – atmosphere, weather and climate, and
- oceanography – oceans and marine life.

Students will have the opportunity to evaluate and explore many scientific concepts by participating in interactive lab sessions, conducting hands-on activities, and completing projects designed to improve the understanding of Earth and its dynamic functions.

Upon completion of the course, students should be able to do the following:

- Gain increased awareness about where Earth came from, how Earth functions and sustains life, and how the many systems and processes of Earth rely on and balance one another.
- Improve scientific evaluation skills and apply them to the study of Earth's physical geography and dynamic processes.
- Discover tools that allow for the study of Earth and its further exploration.

Unit 1: Dynamic Structure of Earth	
Assignments	
Earth Science	1. Course Overview
	2. Introduction to Earth Science
	3. Project: Research a Career
	4. A Unique Planet
	5. Project: Earth Comparisons
	6. Quiz 1: Introduction to Earth Science
	7. Layers of the Earth
	8. Project: Building a Model of the Earth
	9. Continental Drift
	10. Plate Tectonics
	11. Project: Mantle Convection
	12. Plate Boundaries
	13. Project: Plate Boundaries
	14. Quiz 2: Earth's Dynamic Internal Structure
	15. The Spheres of Earth
	16. Project: Sphere Interaction Lab
	17. Geochemical Cycles: Cycles of Earth Materials
	18. Biogeochemical Cycles: Cycles of Life Materials
	19. Flow of Energy in Ecosystems
	20. Project: Flow of Energy
	21. Quiz 3: Earth's Dynamic External Structure
	22. Special Project*
	23. Review
	24. Test
	25. Alternate Test*
	26. Glossary and Credits

Unit 2: Forces and Features of Earth		
Earth Science	Assignments	
	1. Force of Earthquakes	12. Using Geologic Maps
	2. Measuring the Force of Earthquakes	13. Using Topographic Maps
	3. Features of Earthquakes	14. Project: Mapping
	4. Project: Earthquake Features Lab	15. Project: Create a Topographic Map*
	5. Quiz 1: Earthquakes	16. Quiz 3: Identifying Features of Earth
	6. Force of Volcanoes	17. Special Project*
	7. Impact of Volcanoes	18. Review
	8. Prediction of Volcanoes	19. Test
	9. Features of Volcanoes	20. Alternate Test*
	10. Project: Volcanic Features Lab	21. Glossary and Credits
	11. Quiz 2: Volcanoes	
Unit 3: Features of Earth's Crust		
Earth Science	Assignments	
	1. Minerals	11. Quiz 2
	2. Project: Crystal Systems	12. Renewable Resources
	3. Mineral Identification	13. Nonrenewable Resources
	4. Project: Identifying a Mineral	14. Project: Nuclear Energy
	5. Quiz 1	15. Quiz 3
	6. Igneous Rocks	16. Special Project*
	7. Sedimentary Rocks	17. Review
	8. Metamorphic Rocks	18. Test
	9. The Rock Cycle	19. Alternate Test*
	10. Project: Identifying a Rock	20. Glossary and Credits
Unit 4: Shaping Earth's Crust		
Earth Science	Assignments	
	1. Weathering	10. Quiz 2: Weathering and Erosion
	2. Erosion	11. Destructive Forces
	3. Soil Formation	12. Constructive Forces
	4. Project: Soil Particles	13. Quiz 3: Destructive and Constructive Forces
	5. Quiz 1: Shaping the Surface	14. Special Project*
	6. Rivers and Waves	15. Review
	7. Gravity and Glaciers	16. Test
	8. Project: Ice Erosion	17. Alternate Test*
	9. Wind	18. Glossary and Credits
Unit 5: Semester Review and Exam		
Earth Science	Assignments	
	1. Review (1)	3. Exam
	2. Review (2)	4. Alternate Exam*

Unit 6: Earth's Water		
Earth Science	Assignments	
	1. The Water Cycle	12. Ocean Water
	2. Project: Water Purification	13. Experiment: Fresh Water vs. Saltwater
	3. Water Basics	14. Waves and Tides
	4. Water Distribution	15. Currents
	5. Project: Water Conservation	16. Quiz 3
	6. Quiz 1	17. Special Project*
	7. Groundwater	18. Review
	8. Experiment: Porosity and Permeability	19. Test
	9. Lakes and Rivers	20. Alternate Test*
	10. Glaciers and Ice Caps	21. Glossary and Credits
	11. Quiz 2	

Unit 7: Earth's Atmosphere		
Earth Science	Assignments	
	1. Importance of the Atmosphere	11. Alternate Project: Barometers*
	2. Structure of the Atmosphere	12. Quiz 2: Earth-Sun Relationships
	3. Project: Layers of the Atmosphere	13. Air Pollution
	4. Quiz 1: The Atmosphere	14. Project: Greenhouse Effect
	5. Atmospheric Cycles	15. Quiz 3: Human Relationship
	6. Solar Interaction	16. Special Project*
	7. Project: Solar Energy	17. Review
	8. Alternate Project: Temperature*	18. Test
	9. Air Pressure and Winds	19. Alternate Test*
	10. Project: Air Circulation	20. Glossary and Credits

Unit 8: Earth's Weather and Climate		
Earth Science	Assignments	
	1. Weather and Climate	12. Project: Research Your Climate
	2. Project: Weather or Climate?	13. Quiz 2: Causes of Weather and Climate
	3. Clouds and Precipitation	14. Weird Weather
	4. Project: Clouds and Weather	15. Measuring Weather
	5. Project: Clouds and Rain*	16. Project: Predict the Weather
	6. Air Masses and Fronts	17. Quiz 3: Predicting Weather
	7. Quiz 1: Weather Factors of the Sky	18. Special Project*
	8. Solar Power	19. Review
	9. Project: Control the Weather*	20. Test
	10. Geographical Effects	21. Alternate Test*
	11. Climate Regulation and Change	22. Glossary and Credits

Unit 9: Astronomy	
Earth Science	Assignments
	1. Earth's Place in the Solar System
	2. Project: Scale of the Solar System
	3. Planetary Motion
	4. Ability to Orbit
	5. Project: Newton's Law
	6. Earth's Motion, Seasons, and Moon
	7. Quiz 1: Solar System
	8. Characteristics of Stars
	9. Structure of the Sun
	10. Galaxies
	11. Project: Identifying Galaxies
	12. Quiz 2: Stars and Galaxies
	13. Special Project*
	14. Review
	15. Test
	16. Alternate Test*
	17. Glossary and Credits

Unit 10: Semester Review and Exam	
Earth Science	Assignments
	1. Review (1)
	2. Review (2)
	3. Exam
	4. Alternate Exam*

Essentials of Communication

Essentials of Communication: A Guide to Interacting Effectively in Today's World™ is a five-unit elective course for high school students. The materials cover fundamentals of the communication process important for successful interaction in a variety of social and professional settings. Students can use the course to gain and apply knowledge about communication theories, characteristics of language and language use, interpersonal relationships, group dynamics, and public speaking in order to interact more effectively with others.

The course seeks to help students expand their knowledge and skills as communicators so that they may achieve the following goals:

- Know and understand aspects of communication theories and processes appropriate to both social and professional settings.
- Use interpersonal communication strategies appropriately in social and professional settings.
- Effectively communicate in social and professional group settings.
- Plan, prepare, deliver, and evaluate formal and informal personal and professional presentations.

In attaining these goals, students will be better equipped to use communication to hone other life skills, including exchanging information, fulfilling social obligations, developing relationships, and understanding and meeting the needs of others.

Unit 1: Communication Foundations	
Assignments	
Essentials of Communication	1. Course Overview
	2. Introduction to Communication
	3. Types of Communication
	4. Project: Communication Log
	5. The Importance of Communication
	6. Project: Reflection*
	7. Becoming a Competent Communicator
	8. Project: Evaluating Communication Competence
	9. Project: Ethical Principles of Communication*
	10. Quiz 1: Discovering the Foundations of Effective Communication
	11. Introduction to Perception
	12. Project: Three Stages of Perception*
	13. Influences on Perception
	14. Project: Overcoming Perception Influences*
	15. Perception and Communication Competence
	16. Project: Perception Checking
	17. Quiz 2: Perception and Communication
	18. Self and Communication
	19. Project: Looking Inward*
	20. Self-Concept and Competent Communication
	21. Project: Changing Your Self-Concept*
	22. Self-Disclosure
	23. Quiz 3: Self and Communication
	24. Special Project*
	25. Review
	26. Test
	27. Alternate Test*
	28. Glossary and Credits

Unit 2: Language Characteristics		
Essentials of Communication	Assignments	
	1. The Nature of Language	14. Quiz 2: Nonverbal Communication
	2. Language in Social Settings	15. The Listening Process
	3. Project: Recognizing In-Language*	16. Listening Styles
	4. The Functions of Language	17. Project: Using Listening Styles
	5. Project: Using Responsible Language	18. Listening Barriers
	6. Quiz 1: Language	19. Project: Listening Strategies
	7. Nonverbal Communication	20. Quiz 3: Listening
	8. Project: Recognizing Nonverbal Behavior	21. Special Project*
	9. The Functions of Nonverbal Communication	22. Review
	10. Types of Nonverbal Communication	23. Test
	11. Project: Ethics and Impressions	24. Alternate Test*
	12. Competent Nonverbal Communication	25. Glossary and Credits
	13. Project: Observing Nonverbal Communication	
Unit 3: Interpersonal Relationships		
Essentials of Communication	Assignments	
	1. Types of Interpersonal Relationships	15. E-mail Etiquette
	2. Relationship Stages	16. Criticism
	3. Project: Applying Knapp's Relational Model	17. Project: Expressing Yourself Politely*
	4. Fluctuations in Relationship Development	18. Quiz 3: Etiquette for Interpersonal Communication
	5. Quiz 1: Interpersonal Relationships	19. Interviewing
	6. Conversation	20. Preparing for an Interview
	7. Project: Are You a Good Conversationalist?*	21. Project: Preparing for a Job Interview*
	8. Conversation Management	22. Quiz 4: Interviewing
	9. Project: Practicing Cues	23. Special Project*
	10. The Basics of Conversational Competence	24. Review
	11. Quiz 2: Interpersonal Communication: Conversation	25. Test
	12. Etiquette for Introductions	26. Alternate Test*
	13. Project: Introductions	27. Glossary and Credits
	14. Telephone Etiquette	
Unit 4: Understanding Groups		
Essentials of Communication	Assignments	
	1. The Small Group	11. Project: Identifying Leadership Styles
	2. Small Group Types and Formats	12. Leadership Functions
	3. Project: Brainstorming	13. Project: Evaluating Group Effectiveness
	4. Organizations	14. Quiz 3: Group Leadership and Evaluation
	5. Quiz 1: Group Communication	15. Special Project*
	6. Factors Affecting Group Dynamics	16. Review
	7. Individual Competence in Groups	17. Test
	8. Problem Solving in Groups	18. Alternate Test*
	9. Quiz 2: Group Dynamics	19. Glossary and Credits
	10. Leadership Styles	

Unit 5: Presenting and Interpreting Public Messages		
Essentials of Communication	Assignments	
	1. Determining the Purpose and Choosing a Topic	17. Preparing Your Notes and Cues
	2. Project: Defining Topic and Purpose	18. Project: Developing Speaking Notes
	3. Project: Developing a Thesis Statement	19. Quiz 3: Organizing Speeches
	4. Defining Your Audience	20. Preparing to Deliver a Speech
	5. Project: Defining Your Audience	21. Project: Rehearsing Your Speech
	6. Project: Developing a Preliminary Outline	22. Dealing with Apprehension
	7. Quiz 1: Preparing Speeches	23. Delivering Group Presentations and Evaluating Speeches
	8. Research	24. Project: Delivering and Evaluating Your Speech
	9. Project: Conducting Research	25. Quiz 4: Delivering and Evaluating Speeches
	10. Supporting Materials	26. Special Project*
	11. Presenting the Topic Visually	27. Review
	12. Project: Revising and Expanding the Outline	28. Test
	13. Quiz 2: Supporting Speeches	29. Alternate Test*
	14. Selecting an Organizational Pattern	30. Glossary and Credits
	15. Outlining a Speech	
	16. Project: Developing Your Outline	
Unit 6: Course Review and Exam		
	Assignments	
	1. Review	3. Alternate Exam*
	2. Exam	

Family and Consumer Science

Family and Consumer Science is a 10-unit elective that uses biblical principles to help high school students develop positive self-esteem and learn to successfully navigate relationships with family, friends, co-workers, and even those in the marketplace. The curriculum introduces students to character and appearance from a biblical perspective. The material also teaches about nutrition, clothing styles, home care and hospitality, personal finance, and child development and care.

Through this course, students will do the following:

- Examine specific principles that will help develop their personal lives from a Christian perspective.
- Learn about proper nutrition and demonstrate skill in preparing various food items.
- Identify the purposes for making specific choices in clothes.
- Prepare weekly and monthly budgets.
- Develop skills necessary to care for children ranging from birth to young school-age.
- Develop an understanding of relational dynamics with family members, friends, classmates, co-workers, and those encountered in the marketplace.

Unit 1: Christian Character and Appearance	
Family and Consumer Science	Assignments
	1. Course Overview
	2. Inner Beauty: Character Qualities
	3. Biblical Principles vs. Personal Preferences
	4. Personality Strengths and Weaknesses
	5. Project: Identify Your Strengths and Weaknesses
	6. Quiz 1
	7. Physical Beauty: Health
	8. Project: Self-Evaluation Quiz
	9. Nutrition and Exercise
	10. Hygiene
	11. Grooming
	12. Project: Posture
	13. Quiz 2
	14. Behavioral Beauty: Actions
	15. Communication
	16. Quiz 3
	17. Special Project*
	18. Test
	19. Alternate Test*
	20. Reference

Unit 2: What's Cookin'?	
Family and Consumer Science	Assignments
	1. Getting Acquainted with the Kitchen
	2. Utensils
	3. Project: Kitchen Tools*
	4. Kitchen Safety
	5. Quiz 1
	6. Recipes
	7. Measuring Ingredients
	8. Quiz 2
	9. Meal Management
	10. Reading Labels
	11. Food Storage
	12. Quiz 3
	13. Special Project*
	14. Test
	15. Alternate Test*
	16. Reference

Unit 3: Let's Eat		
Family and Consumer Science	Assignments	
1.	Nutrition	18. Breads
2.	Vitamins	19. Project: Bake Bread*
3.	Project: Nutrient Guide	20. Quiz 2
4.	My Plate	21. Meal Planning
5.	Heart Healthy Eating and Special Diets	22. Project: Menu for a Week
6.	Quiz 1	23. Making a Grocery List
7.	Food Preparation	24. Quiz 3
8.	Vegetables	25. Food Service
9.	Fruits and Milk	26. Table Setting
10.	Meat, Poultry, Fish	27. Table Waiting
11.	Project: Beef or Vegetable Stew	28. Project: Plan Meals
12.	Soups, Salads, and Garnishes	29. Quiz 4
13.	Project: Prepare a Salad or Soup*	30. Special Project*
14.	Baking	31. Test
15.	Project: Cookies	32. Alternate Test*
16.	Project: Scratch Cake*	33. Reference
17.	Project: Bake a Pie*	

Unit 4: The Clothes You Wear		
Family and Consumer Science	Assignments	
1.	The Clothes You Wear	13. Textiles and Fabrics
2.	Fashion Knowledge	14. Man-Made Fibers
3.	Project: Style, Fad, and Fashion	15. Quiz 3
4.	Project: Draped, Tailored, Composite*	16. Care of Clothes
5.	Clothing Business Terms	17. Project: Sewing Skills*
6.	Project: Wardrobe Inventory	18. Emergency Repairs
7.	Quiz 1	19. Laundering
8.	Design and Appearance	20. Quiz 4
9.	Garment Styles and Parts	21. Special Project*
10.	Clothes for You	22. Test
11.	Project: Garment Design*	23. Alternate Test*
12.	Quiz 2	24. Reference

Unit 5: The Clothes You Sew**Assignments**

Family and Consumer Science

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|---|--|
| 1. Sewing Equipment | 16. Quiz 2 |
| 2. Sewing Machines | 17. Selecting Pattern, Fabric, and Notions |
| 3. Safety | 18. Project: Measuring for Fit* |
| 4. Project: Calamity Claire | 19. The Language of Patterns |
| 5. Quiz 1 | 20. Pattern |
| 6. Basic Sewing | 21. Quiz 3 |
| 7. Project: Sewing Seams | 22. Layout, Cutting, Marking, and Pressing |
| 8. Machine Stitches | 23. Project: Tracing Patterns |
| 9. Project: Sewing Stitches by Machine | 24. Project: Sewing Project |
| 10. Seams and Seam Finishes | 25. Quiz 4 |
| 11. Project: Sewing Curved Seams* | 26. Special Project* |
| 12. Darts, Tucks, Pleats, Gatherings, and Facings | 27. Test |
| 13. Project: Darts* | 28. Alternate Test* |
| 14. Closures | 29. Reference |
| 15. Project: Zippers | |

Unit 6: Interior Decorating**Assignments**

Family and Consumer Science

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|---|-------------------------------------|
| 1. A Brief History of Interior Decoration | 14. Wall Treatments |
| 2. English Design | 15. Lighting |
| 3. Traditional American Design | 16. Quiz 3 |
| 4. Project: Time Periods | 17. Visual Enrichment |
| 5. Quiz 1 | 18. Project: Model Home Field Trip* |
| 6. Introduction to Design and Decoration | 19. Project: Design Notebook |
| 7. Line | 20. Sewing for the Home |
| 8. Project: Floor Plan Measurements | 21. Project: Pillow Project* |
| 9. Project: Furniture Placement | 22. Quiz 4 |
| 10. Project: Room Design | 23. Special Project* |
| 11. Project: Spirit of the Room | 24. Test |
| 12. Quiz 2 | 25. Alternate Test* |
| 13. Specific Treatments | 26. Reference |

Unit 7: Your Home and You**Assignments**

Family and Consumer Science

- | | |
|-----------------------------|----------------------------------|
| 1. Hospitality | 11. Project: Cleaning Schedule |
| 2. Types of Entertainment | 12. Basic Tools |
| 3. Project: Party Planning | 13. Project: Home Repair |
| 4. Overnight Guests | 14. Auto Care and Repair |
| 5. Project: Thank You Notes | 15. Project: Auto Service Check* |
| 6. Quiz 1 | 16. Quiz 3 |
| 7. Etiquette | 17. Special Project* |
| 8. Dating Etiquette | 18. Test |
| 9. Quiz 2 | 19. Alternate Test* |
| 10. Home Management | 20. Reference |

Unit 8: Financial Freedom		
Family and Consumer Science	Assignments	
	1. Getting a Job	11. Project: Purchase Agreements
	2. Project: Application	12. Insurance and Income Tax
	3. The Résumé	13. Quiz 2
	4. Quiz 1	14. Legal Matters, Forms, and Contracts
	5. Personal Finance	15. Purchasing and Owning a Car
	6. Personal Banking and Investment	16. Quiz 3
	7. Personal Budgeting	17. Special Project*
	8. Project: Financial Goals	18. Test
	9. Project: Spending Patterns	19. Alternate Test*
	10. Social Security	20. Reference
Unit 9: Child Development and Care		
Family and Consumer Science	Assignments	
	1. Ages and Stages	15. Project: Finger Painting
	2. Intellect (Wisdom)	16. Science
	3. Social, Emotional, and Spiritual	17. Quiz 2
	4. Project: Observing Children	18. Safety and First Aid
	5. Quiz 1	19. Three Common Children's Conditions
	6. Care of Children	20. Quiz 3
	7. Project: Diaper Changing*	21. The Business of Babysitting
	8. Creative Child Care	22. Information You Need
	9. Activities	23. Quiz 4
	10. Project: Toy Evaluation	24. Special Project*
	11. Project: Making a Toy	25. Test
	12. Literature	26. Alternate Test*
	13. Project: Children's Story	27. Reference
	14. Music	
Unit 10: Relationships		
Family and Consumer Science	Assignments	
	1. At Home	14. Quiz 4
	2. Siblings	15. Choosing the Right Mate
	3. Quiz 1	16. Project: Psalm 37:4
	4. At School and Work	17. Dating
	5. Teachers	18. Marriage
	6. Boss and Co-Workers	19. Project: Short Essay
	7. Project: Random Act of Kindness*	20. Parental Involvement
	8. Project: Food for Thought	21. Quiz 5
	9. Quiz 2	22. Special Project*
	10. At Church	23. Test
	11. The Family's Responsibility to the Church	24. Alternate Test*
	12. Quiz 3	25. Reference

Foundations for Living

Foundations for Living is an elective for high school students. Designed specifically with 11th and 12th graders in mind, Foundations for Living provides a Bible-based, sequential development of a Christian worldview through the use of fundamental truths from the Bible and the application of biblical principles to the various areas of contemporary life. The course aims to pull all of a student's education together into a unified whole, preparing them for their new adventures beyond high school in the home, church, college, and society.

Throughout this course, students will build the skills and knowledge needed to in order to do the following:

- Understand the unique identity of the Christian worldview.
- Observe how all truth properly fits together into the Christian worldview.
- Discern the difference between Christian and non-Christian worldviews.
- Think and live with discernment and conviction.
- Recognize how the world's philosophies of the past affect contemporary thinking and living.
- Judge and assess any issue using a biblical model.

Unit 1: What is a Biblical Worldview?		
Foundations for Living	Assignments	
	1. Course Overview	10. Project: Promises of God*
	2. Introduction to Worldview	11. Quiz 2: The Ancient Hebrew Worldview
	3. Ancient Greek Worldview: Government	12. Conflicting Worldviews
	4. Ancient Greek Worldview: Religion	13. Dualism
	5. Ancient Greek Worldview: Philosophy	14. Quiz 3: Conflicting Worldviews
	6. Quiz 1: The Ancient Greek Worldview	15. Special Project*
	7. Ancient Hebrew Worldview: Religion	16. Test: What is a Biblical Worldview?
	8. Ancient Hebrew Worldview: Government	17. Alternate Test: What is a Biblical Worldview?*
	9. Ancient Hebrew Worldview: Theology	18. Reference

Unit 2: Presuppositions		
Foundations for Living	Assignments	
	1. Assumptions and Presuppositions: Introduction	8. God's Communication of His Standards to Us
	2. Assumptions and Presuppositions: Communication Difficulties	9. Understanding Repentance and God's Grace
	3. Moral Relativism	10. The Relationship of Law and Grace
	4. Moral Absolutism	11. Quiz 2: Truth and Morality
	5. Quiz 1: Assumptions and Presuppositions	12. Special Project*
	6. The Basis for Truth	13. Test: Presuppositions
	7. The Basis for Morality	14. Alternate Test: Presuppositions*
		15. Reference

Unit 3: The Doctrines of the Bible	
Foundations for Living	Assignments
	1. The Doctrines of the Bible
	2. Different View of Inspiration
	3. Scriptural Support for Plenary Inspiration
	4. Quiz 1: The Inspiration of Scripture
	5. God's Natural Attributes
	6. God's Moral Attributes
	7. Quiz 2: The Attributes of God
	8. The Inerrancy of Scripture
	9. The Infallibility of Scripture
	10. The Authority of Scripture
	11. The All-Sufficiency of Scripture
	12. The Illumination of the Holy Spirit
	13. Quiz 3: The Authority of God's Word
	14. Special Project*
	15. Test: The Doctrines of the Bible
	16. Alternate Test: The Doctrines of the Bible*
	17. Reference

Unit 4: God's Creation	
Foundations for Living	Assignments
	1. Who Owns the World?
	2. God's Providential Control Over the World
	3. What is Man?
	4. The Attributes of God and Man
	5. Quiz 1: The Sovereignty of the Creator
	6. Loving God and Loving Others
	7. The Sanctity of Human Life
	8. People with a Purpose
	9. The Great Commission
	10. Fulfilling the Great Commission
	11. Quiz 2: The Sanctity and Purpose of Human Life
	12. Special Project*
	13. Test: God's Creation
	14. Alternate Test: God's Creation*
	15. Reference

Unit 5: Head of the Family	
Foundations for Living	Assignments
	1. A Special Relationship with God
	2. The Fatherhood of God - Part 1
	3. The Fatherhood of God - Part 2
	4. Quiz 1: Head of the Family
	5. Loving Leadership
	6. Characteristics of a Godly Man - Part 1
	7. Characteristics of a Godly Man - Part 2
	8. Quiz 2: Head of the Family
	9. Special Project*
	10. Test: Head of the Family
	11. Alternate Test: Head of the Family*
	12. Reference

Unit 6: The Bible and Marriage	
Foundations for Living	Assignments
	1. Necessary Ingredients for a Successful Marriage
	2. An Essential Foundation for a Successful Christian Marriage
	3. Additional Factors to Consider for a Successful Christian Marriage
	4. Quiz 1: The Successful Christian Family
	5. The Role of Husbands and Wives in a Christian Home
	6. The Role of Children in a Christian Home
	7. Quiz 2: Roles of Family Members
	8. Role Conflicts in Our Culture
	9. Learned Behavior Problems in the Family
	10. Quiz 3: Role Conflicts in Our Culture
	11. Special Project*
	12. Test: The Bible and Marriage
	13. Alternate Test: The Bible and Marriage*
	14. Reference

Unit 7: Dating to Matrimony	
Foundations for Living	Assignments
	1. Recreational Dating
	2. Dating Practices from Bible Times to Modern Times
	3. Negative Tendencies in Dating
	4. Recreational Dating and the Christian Response
	5. Quiz 1: Dating vs. Courtship
	6. Making a Commitment
	7. Lessons from a Wedding Ceremony
	8. Quiz 2: Making a Commitment
	9. The Engagement Period
	10. Resolving Conflicts
	11. Quiz 3: The Engagement
	12. Special Project*
	13. Test: Dating and Matrimony
	14. Alternate Test: Dating and Matrimony*
	15. Reference
Unit 8: Christian Education	
Foundations for Living	Assignments
	1. Created to Learn
	2. Created to Teach
	3. The Foundation of all Education
	4. General Revelation
	5. Special Revelation
	6. Quiz 1: Created to Learn
	7. Filtering Facts
	8. Learning in and from Our Environment
	9. Application of Truth
	10. Quiz 2: Filtering Facts and Applying the Truth
	11. Special Project*
	12. Test: Christian Education
	13. Alternate Test: Christian Education*
	14. Reference
Unit 9: Art, Music, and Politics	
Foundations for Living	Assignments
	1. A Christian Worldview in the Arts
	2. Christian Art through History
	3. Music, a Gift from God
	4. The Art Form of Literature
	5. Quiz 1: A Christian Worldview in the Arts
	6. Civil Government
	7. The Concerns and Strategies of Politics
	8. Christian Involvement in Politics
	9. Quiz 2: A Christian Worldview in Politics
	10. Special Project*
	11. Test: Art, Music, and Politics
	12. Alternate Test: Art, Music, and Politics*
	13. Reference
Unit 10: Putting it All Together	
Foundations for Living	Assignments
	1. Biblical Faith
	2. Biblical Eyes
	3. Biblical Strategies and their Application
	4. Quiz 1: Applying a Biblical Worldview
	5. Unit 1 Review: What is a Biblical Worldview?
	6. Unit 2 Review: Assumptions and Presuppositions
	7. Unit 3 Review: The Doctrines of the Bible
	8. Unit 4 Review: God's Creation
	9. Unit 5 Review: Head of the Family
	10. Unit 6 Review: The Bible and Marriage
	11. Unit 7 Review: Dating to Matrimony
	12. Unit 8 Review: Christian Education
	13. Unit 9 Review: Art, Music, and Politics
	14. Quiz 2: Review
	15. Special Project*
	16. Test: Putting it All Together
	17. Alternate Test: Putting it All Together*
	18. Reference

French I

In French I, students begin to develop competence in four basic skill areas: listening, speaking, reading, and writing. While developing communicative competence in French, students gain and expand their knowledge of francophone countries and cultures.

Emphasis is placed on learning the present tense, the near future and the past tense in French I through thematically designed units. Topics include home, school, family, holidays, and daily and leisure activities.

Students develop the ability to:

- greet and respond to greetings
- introduce and respond to introductions
- engage in conversations on several themes
- express likes and dislikes
- make requests
- obtain information
- understand some ideas and familiar details
- begin to provide information.

By the end of French I, students will:

- communicate minimally by using short sentences, learned words and phrases, and simple questions and commands when speaking and writing.
- understand some ideas and familiar details presented in clear, uncomplicated speech when listening.
- understand short texts enhanced by visual clues when reading.

Unit 1: Bienvenue		
French I	Assignments	
	1. Course Overview	1. Course Overview
	2. Bienvenue au monde francophone	2. Welcome to the Francophone World
	3. Les salutations	3. Greetings
	4. L'alphabet et les accents	4. Alphabet and Accents
	5. Les nombres de 0 à 60	5. Numbers from 0 to 60
	6. Interrogation 1 : Les présentations	6. Quiz 1: Introductions
	7. Interrogation alternative – Version A : Les présentations*	7. Alternate Quiz - Form A: Introductions*
	8. Interrogation alternative – Version B : Les présentations*	8. Alternate Quiz - Form B: Introductions*
	9. Un pays divers	9. A Diverse Country
	10. Être: To Be or Not to Be	10. Être: To Be or Not to Be
	11. D'où es-tu ?	11. Where Are You From?
	12. Masculin ou féminin	12. Masculine or Feminine
	13. Un autoportrait	13. A Self-Portrait
	14. Interrogation 2 : Les descriptions	14. Quiz 2: Descriptions
	15. Interrogation alternative - Version A : Les descriptions*	15. Alternate Quiz - Form A: Descriptions*
	16. Interrogation alternative - Version B : Les descriptions*	16. Alternate Quiz - Form B: Descriptions*
	17. Dossier : le monde francophone	17. Project: The Francophone World
	18. Dossier spécial*	18. Special Project*
	19. Révision	19. Review
	20. Contrôle : Bienvenue	20. Test: Welcome
	21. Contrôle alternatif - Version A : Bienvenue*	21. Alternate Test – Form A: Welcome*
	22. Contrôle alternatif - Version B : Bienvenue*	22. Alternate Test – Form B: Welcome*
	23. Glossaire et références	23. Glossary and Credits

Unit 2: Au Lycée		
French I	Assignments	
	1. En classe	1. In the Classroom
	2. Avoir	2. To Have
	3. Les expressions avec avoir	3. Expressions with to Have
	4. Les expressions utilisées à l'école	4. School Expressions
	5. Interrogation 1 : En classe	5. Quiz 1: In Class
	6. Interrogation alternative - Version A : En classe*	6. Alternate Quiz - Form A: In Class*
	7. Interrogation alternative - Version B : En classe*	7. Alternate Quiz - Form B: In Class*
	8. Le système éducatif en France	8. The Educational System in France
	9. Les matières	9. School Subjects
	10. Les verbes -er	10. -Er Verbs
	11. La construction infinitive	11. Infinitive Construction
	12. Les structures interrogatives	12. Interrogative Structures
	13. Interrogation 2 : Au lycée en France	13. Quiz 2: High School in France
	14. Interrogation alternative - Version A : Au lycée en France*	14. Alternate Quiz - Form A: High School in France*
	15. Interrogation alternative - Version B : Au lycée en France*	15. Alternate Quiz - Form B: High School in France*
	16. Emploi du temps	16. Schedule
	17. Quelle heure est-il ?	17. What Time Is It?
	18. Quelle est la date d'aujourd'hui ?	18. What Is the Date Today?
	19. Les chiffres de 60 à 100	19. Numbers from 60 to 100
	20. Dossier : Ton emploi de temps	20. Project: Your Schedule
	21. Interrogation 3 : La date et l'horaire	21. Quiz 3: Date and Time
	22. Interrogation alternative - Version A : La date et l'horaire*	22. Alternate Quiz - Form A: Date and Time*
	23. Interrogation alternative - Version B : La date et l'horaire*	23. Alternate Quiz - Form B: Date and Time*
	24. Dossier spécial*	24. Special Project*
	25. Révision	25. Review
	26. Contrôle : Au lycée	26. Test: At High School
	27. Contrôle alternatif - Version A : Au lycée*	27. Alternate Test - Form A: At High School*
	28. Contrôle alternatif - Version B : Au lycée*	28. Alternate Test - Form B: At High School*
	29. Glossaire et références	29. Glossary and Credits

Unit 3: La Famille et les Amis		
French I	Assignments	
	1. Les structures familiales en France	1. Familial Structures in France
	2. La famille	2. Family
	3. Les adjectifs possessifs	3. Possessive Adjectives
	4. L'apparence physique	4. Physical Appearance
	5. Les expressions interrogatives	5. Interrogative Expressions
	6. Dossier : Votre arbre généalogique	6. Project: Your Family Tree
	7. Interrogation 1 : La famille	7. Quiz 1: Family
	8. Interrogation alternative - Version A : La famille*	8. Alternate Quiz - Version A: Family*
	9. Interrogation alternative - Version B : La famille*	9. Alternate Quiz - Version B: Family*
	10. L'amitié	10. Friendship
	11. Les adjectifs	11. Adjectives
	12. Les adjectifs irréguliers	12. Irregular Adjectives
	13. Les adjectifs qui précèdent le nom	13. Adjectives That Precede the Noun
	14. Dossier : Un ami idéal	14. Project: An Ideal Friend
	15. Interrogation 2 : Les amis	15. Quiz 2: Friends
	16. Interrogation alternative - Version A : Les amis*	16. Alternate Quiz - Version A: Friends*
	17. Interrogation alternative - Version B : Les amis*	17. Alternate Quiz - Version B: Friends*
	18. Dossier spécial*	18. Special Project*
	19. Révision	19. Review
	20. Contrôle : La famille et les amis	20. Test: Family and Friends
	21. Contrôle alternatif - Version A : La famille et les amis*	21. Alternate Test – Form A: Family and Friends*
	22. Contrôle alternatif - Version B : La famille et les amis*	22. Alternate Test – Form B: Family and Friends*
	23. Glossaire et références	23. Glossary and Credits

Unit 4: Les Loisirs et les Sports		
French I	Assignments	
	1. Les loisirs en France	1. Leisure Activities in France
	2. Les passe-temps	2. Hobbies
	3. Faire	3. To Do or to Make
	4. Les verbes et les adverbos	4. Verbs and Adverbs
	5. Dossier : Un correspondant français	5. Project: A French Correspondent
	6. Interrogation 1 : Les loisirs	6. Quiz 1: Leisure Activities
	7. Interrogation alternative - Version A : Les loisirs*	7. Alternate Quiz - Form A: Leisure Activities*
	8. Interrogation alternative - Version B : Les loisirs*	8. Alternate Quiz - Form B: Leisure Activities*
	9. Les sports en France	9. Sports in France
	10. Les sports	10. Sports
	11. Plus d'adverbos	11. More Adverbs
	12. Provence-Alpes-Côte d'Azur	12. Provence-Alps-French Riviera
	13. Dossier : les jeux Olympiques	13. Project: The Olympic Games
	14. Interrogation 2 : Les sports	14. Quiz 2: Sports
	15. Interrogation alternative - Version A : Les sports*	15. Alternate Quiz - Version A: Sports*
	16. Interrogation alternative - Version B : Les sports*	16. Alternate Quiz - Version B: Sports*
	17. Le temps	17. Weather
	18. Les saisons	18. Seasons
	19. Dossier : Une prévision météorologique	19. Project: A Weather Forecast
	20. Interrogation 3 : La météo	20. Quiz 3: Weather
	21. Interrogation alternative - Version A : La météo*	21. Alternate Quiz - Version A: Weather*
	22. Interrogation alternative - Version B : La météo*	22. Alternate Quiz - Version B: Weather*
	23. Dossier spécial*	23. Special Project*
	24. Révision	24. Review
	25. Contrôle : Les loisirs et les sports	25. Test: Hobbies and Sports
	26. Contrôle alternatif - Version A : Les loisirs et les sports*	26. Alternate Test – Form A: Hobbies and Sports*
	27. Contrôle alternatif - Version B : Les loisirs et les sports*	27. Alternate Test – Form B: Hobbies and Sports*
	28. Glossaire et références	28. Glossary and Credits

Unit 5: Les Fêtes et les Traditions		
French I	Assignments	
	1. Noël en France	1. Christmas in France
	2. Les fêtes en France	2. Holidays in France
	3. Faisons la fête !	3. Let's Celebrate!
	4. Les chiffres à partir de 100	4. Numbers Larger than 100
	5. Le carnaval	5. Carnival
	6. Dossier: Une fête en France	6. Project: A French Holiday
	7. Interrogation 1 : Les fêtes	7. Quiz 1: Holidays
	8. Interrogation alternative - Version A : Les fêtes*	8. Alternate Quiz - Form A: Holidays*
	9. Interrogation alternative - Version B : Les fêtes*	9. Alternate Quiz - Form B: Holidays*
	10. La fête nationale de la France	10. France's National Holiday
	11. Dossier: Les fêtes nationales	11. Project: National Holidays
	12. Joyeux anniversaire !	12. Happy Birthday!
	13. Les invitations	13. Invitations
	14. Les verbes qui changent d'orthographe	14. Stem-changing Verbs
	15. Interrogation 2 : Les anniversaires	15. Quiz 2: Birthdays
	16. Interrogation alternative - Version A : Les Anniversaires*	16. Alternate Quiz - Form A: Birthdays*
	17. Interrogation alternative - Version B: Les anniversaires*	17. Alternate Quiz - Form B: Birthdays*
	18. Les périodes de la vie	18. Stages of Life
	19. Les couleurs	19. Colors
	20. Les pronoms complément d'objet direct	20. Direct-Object Pronouns
	21. Interrogation 3 : La vie	21. Quiz 3: Life
	22. Interrogation alternative - Version A : La vie*	22. Alternate Quiz - Form A: Life*
	23. Interrogation alternative - Version B : La vie*	23. Alternate Quiz - Form B: Life*
	24. Dossier spécial*	24. Special Project*
	25. Révision	25. Review
	26. Contrôle : Les fêtes et les traditions	26. Test: Holidays and Traditions
	27. Contrôle alternatif - Version A : Les fêtes et les traditions*	27. Alternate Test - Form A: Holidays and Traditions*
	28. Contrôle alternatif - Version B : Les fêtes et les traditions*	28. Alternate Test - Form B: Holidays and Traditions*
	29. Glossaire et références	29. Glossary and Credits

Unit 6: Révision et Contrôle Semestriel		
French I	Assignments	
	1. Révision	1. Review
	2. Contrôle semestriel	2. Exam
	3. Contrôle semestriel - Version A*	3. Alternate Exam - Form A*
	4. Contrôle semestriel - Version B*	4. Alternate Exam - Form B*

Unit 7: En Ville		
Assignments		
French I	1. Visitons la ville	1. Let's Visit the City
	2. Aller	2. To Go
	3. Les prépositions de lieu	3. Prepositions of Place
	4. La Bretagne	4. Brittany
	5. Dossier : Mon quartier	5. Project: My Neighborhood
	6. Interrogation 1: La vie en ville	6. Quiz 1: Life in the City
	7. Interrogation alternative - Version A : La vie en ville*	7. Alternate Quiz - Form A: Life in the City*
	8. Interrogation alternative - Version B : La vie en ville*	8. Alternate Quiz - Form B: Life in the City*
	9. Paris	9. Paris
	10. Les nombres ordinaux	10. Ordinal Numbers
	11. Les moyens de transport	11. Transportation
	12. Les verbes réguliers en -re	12. Regular -re Verbs
	13. Les verbes irréguliers en -re	13. Irregular -re Verbs
	14. Dossier : L'itinéraire pour mon voyage à Paris	14. Project: The Itinerary for My Trip to Paris
	15. Interrogation 2: La ville des lumières	15. Quiz 2: The City of Lights
	16. Interrogation alternative - Version A : La ville des lumières*	16. Alternate Quiz - Form A: The City of Lights*
	17. Interrogation alternative - Version B : La ville des lumières*	17. Alternate Quiz - Form B: The City of Lights*
	18. Dossier spécia*	18. Special Project*
	19. Révision	19. Review
	20. Contrôle : En ville	20. Test: In the City
	21. Contrôle alternatif - Version A : En ville*	21. Alternate Test - Form A: In the City*
	22. Contrôle alternatif - Version B : En ville*	22. Alternate Test - Form B: In the City*
	23. Glossaire et références	23. Glossary and Credits

Unit 8: Bon Appétit		
French I	Assignments	
	1. Les repas français	1. French Meals
	2. Faire les courses	2. Grocery Shopping
	3. Les verbes réguliers en -ir	3. Regular -ir Verbs
	4. Les verbes irréguliers en -ir	4. Irregular -ir Verbs
	5. Interrogation 1: La nourriture	5. Quiz 1: Food
	6. Interrogation alternative - Version A : La nourriture*	6. Alternate Quiz - Version A: Food*
	7. Interrogation alternative - Version B : La nourriture*	7. Alternate Quiz - Version B: Food*
	8. Au café	8. At the Café
	9. L'article partitif	9. The Partitive Article
	10. Les expressions de quantité	10. Expressions of Quantity
	11. Dossier : Recette de crêpes	11. Project: Crepe Recipe
	12. Interrogation 2: La nourriture et les quantités	12. Quiz 2: Food and Quantities
	13. Interrogation alternative - Version A : La nourriture et les quantités*	13. Alternate Quiz - Version A: Food and Quantities*
	14. Interrogation alternative - Version B : La nourriture et les quantités*	14. Alternate Quiz - Version B: Food and Quantities*
	15. À table	15. At the Table
	16. Au restaurant	16. At the Restaurant
	17. Dossier : Au restaurant	17. Project: At the Restaurant
	18. La cuisine française	18. French Cuisine
	19. Interrogation 3: La cuisine française	19. Quiz 3: French Cuisine
	20. Interrogation alternative - Version A : La cuisine Française*	20. Alternate Quiz - Version A: French Cuisine*
	21. Interrogation alternative - Version B : La cuisine française*	21. Alternate Quiz - Version B: French Cuisine*
	22. Dossier spécial*	22. Special Project*
	23. Révision	23. Review
	24. Contrôle : Bon appétit	24. Test: Bon Appetite
	25. Contrôle alternatif - Version A : Bon appétit*	25. Alternate Test – Form A: Bon Appetite*
	26. Contrôle alternatif - Version B : Bon appétit*	26. Alternate Test – Form B: Bon Appetite*
	27. Glossaire et références	27. Glossary and Credits

Unit 9: La Vie Quotidienne		
Assignments		
French I	1. Les vêtements et les couleurs	1. Clothes and Colors
	2. En solde	2. On Sale
	3. Mettre	3. To Place, to Put On
	4. Faisons du shopping	4. Let's Go Shopping
	5. Dossier : Un défilé de mode	5. Project: A Fashion Show
	6. Le look en France	6. The Look in France
	7. Dossier : Ton look	7. Project: Your Look
	8. Interrogation 1: Les vêtements	8. Quiz 2: Clothing
	9. Interrogation alternative - Version A : Les vêtements*	9. Alternate Quiz - Form A: Clothing*
	10. Interrogation alternative - Version B : Les vêtements*	10. Alternate Quiz - Form B: Clothing*
	11. Les parties du corps	11. Parts of the Body
	12. Dossier : Un ami imaginaire et bizarre	12. Project: A Bizarre Imaginary Friend
	13. Les gestes et les expressions	13. Gestures and Expressions
	14. Les verbes réfléchis	14. Reflexive Verbs
	15. L'interrogation et la négation des verbes réfléchis	15. Interrogation and Negation with Reflexive Verbs
	16. Dossier : Votre routine quotidienne	16. Project: Your Daily Routine
	17. Interrogation 2: La routine	17. Quiz 2: Routine
	18. Interrogation alternative - Version A : La routine*	18. Alternate Quiz - Form A: Routine*
	19. Interrogation alternative - Version B : La routine*	19. Alternate Quiz - Form B: Routine*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : La vie quotidienne	22. Test: Daily Life
	23. Contrôle alternatif - Version A : La vie quotidienne*	23. Alternate Test – Form A: Daily Life*
	24. Contrôle alternatif - Version B : La vie quotidienne*	24. Alternate Test – Form B: Daily Life*
	25. Glossaire et références	25. Glossary and Credits

Unit 10: Les Médias		
Assignments		
French I	1. À la télévision	1. On Television
	2. La publicité	2. Commercials
	3. Voir, c'est croire	3. Seeing Is Believing
	4. Dossier : Le journal télévisé	4. Project: The News
	5. Interrogation 1 : À la télé	5. Quiz 1 - : On TV
	6. Interrogation alternative - Version A : À la télé*	6. Alternate Quiz - Form A: On TV*
	7. Interrogation alternative - Version B : À la télé*	7. Alternate Quiz - Form B: On TV*
	8. Sur Internet	8. On the Internet
	9. Dire, lire et écrire	9. To Say, to Read, to Write
	10. Les pronoms complément d'objet direct	10. Direct-Object Pronouns
	11. Interrogation 2 : L'Informatique	11. Quiz 2: Computing
	12. Interrogation alternative-Version A : L'Informatique*	12. Alternate Quiz - Form A: Computing*
	13. Interrogation alternative-Version B : L'Informatique*	13. Alternate Quiz - Form B: Computing*
	14. La presse	14. The Press
	15. Les pronoms complément d'objet indirect	15. Indirect-Object Pronouns
	16. Dossier : Le Monde	16. Project: <i>Le Monde</i>
	17. Interrogation 2 : La lecture	17. Quiz 3: Reading
	18. Interrogation alternative - Version A : La lecture*	18. Alternate Quiz - Form A: Reading*
	19. Interrogation alternative - Version B : La lecture*	19. Alternate Quiz - Form B: Reading*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : Les médias	22. Test: The Media
	23. Contrôle alternatif - Version A: Les medias*	23. Alternate Test – Form A: The Media*
	24. Contrôle alternatif - Version B: Les medias*	24. Alternate Test – Form B The Media*
	25. Glossaire et références	25. Glossary and Credits

Unit 11: Les Vacances		
French I	Assignments	
	1. À l'agence de voyage	1. At the Travel Agency
	2. Le passé composé avec les verbes -er	2. The Passé Composé with -er Verbs
	3. Le passé composé avec les verbes -ir	3. The Passé Composé with -ir Verbs
	4. Le passé composé avec les verbes -re	4. The Passé Composé with -re Verbs
	5. Mes vacances en Normandie	5. My Vacation in Normandy
	6. Interrogation 1: Les vacances d'été	6. Quiz 1: Summer Vacation
	7. Interrogation alternative - Version A : Les vacances d'été*	7. Alternate Quiz - Form A: Summer Vacation*
	8. Interrogation alternative - Version B : Les vacances d'été*	8. Alternate Quiz - Form B: Summer Vacation*
	9. À la gare	9. At the Train Station
	10. La région du Centre	10. The Central Region of France
	11. La Corse	11. Corsica
	12. Le passé composé avec être	12. The Passé Composé with Être
	13. Dossier : Mon voyage en France	13. Project: My Trip to France
	14. Interrogation 2: Un voyage en France	14. Quiz 2: A Trip to France
	15. Interrogation alternative - Version A : Un voyage en France*	15. Alternate Quiz - Form A: A Trip to France*
	16. Interrogation alternative - Version B : Un voyage en France*	16. Alternate Quiz - Form B: A Trip to France*
	17. Dossier spécial*	17. Special Project*
	18. Révision	18. Review
	19. Contrôle : Les vacances	19. Test : Vacation
	20. Contrôle alternatif - Version A : Les vacances*	20. Alternate Test – Form A: Vacation*
	21. Contrôle alternatif - Version B : Les vacances*	21. Alternate Test – Form B : Vacation*
	22. Glossaire et références	22. Glossary and Credits

Unit 12: Révision et Contrôle Semestriel		
French I	Assignments	
	1. Révision	1. Review
	2. Contrôle semestriel	2. Exam
	3. Contrôle semestriel - Version A*	3. Alternate Exam—Form A*
	4. Contrôle semestriel - Version B*	4. Alternate Exam—Form B*

French II

French II is a high school foreign language course that builds on and reviews skills and concepts taught in *French I* through further exposure to communication, cultures, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, writing, and cultural competency.

Upon completion of the course, students should be able to do the following:

- Use basic French in everyday situations in oral and written communication.
- Use French vocabulary at the level appropriate to living in francophone countries.
- Demonstrate knowledge of France and other francophone countries.
- Listen to and understand passages in French related to various themes.
- Read and understand passages in French related to presented themes.
- Compare and contrast cultural aspects of francophone countries and the United States.

This course gives students practice using the mechanics of the French language, acquaints them with the cultural differences of francophone countries, and helps them gain a keen awareness of their own culture.

Unit 1: Faisons du Shopping		
French II	Assignments	
	1. Course Overview	1. Course Overview
	2. Les magasins en France	2. French Stores
	3. Révision des verbes	3. Verb Review
	4. Les produits français	4. French Products
	5. Qui, quand, pourquoi ?	5. Who, When, Why?
	6. Interrogation 1 : Au magasin	6. Quiz 1: At the Store
	7. Interrogation alternative - Version A : Au magasin*	7. Quiz 1 alternate- Form A: At the Store*
	8. Interrogation alternative - Version B : Au magasin*	8. Quiz 1 alternate- Form B: At the Store*
	9. Au marché français	9. At the French Market
	10. Les adjectifs démonstratifs	10. Demonstrative Adjectives
	11. Quelle est la différence ?	11. What's the Difference?
	12. Les marchés dans le monde francophone	12. Markets in the Francophone World
	13. Interrogation 2 : Au marché	13. Quiz 2: At the Market
	14. Interrogation alternative - Version A : Au marché*	14. Quiz 2 Alternate- Form A: At the Market*
	15. Interrogation alternative - Version B : Au marché*	15. Quiz 2 Alternate- Form B: At the Market*
	16. Combien ? Les expressions de quantité	16. How Much? How Many? Expressions of Quantity
	17. Combien cela coûte-t-il ?	17. How Much Does It Cost?
	18. Les pronoms objets directs	18. Direct-Object Pronouns
	19. Interrogation 3 : Faire du shopping	19. Quiz 3: Going Shopping
	20. Interrogation alternative - Version A : Faire du shopping*	20. Quiz 3 alternate- Form A: Going Shopping*
	21. Interrogation alternative - Version B : Faire du shopping*	21. Quiz 3 alternate- Form B: Going Shopping*
	22. Dossier: Écrire un dialogue	22. Project: Write a Dialogue
	23. Dossier spécial*	23. Special Project*
	24. Révision	24. Review
	25. Contrôle : Faisons du shopping	25. Test: Let's Go Shopping
	26. Contrôle alternatif - Version A : Faisons du shopping*	26. Alternate Test – Form A: Let's Go Shopping*
	27. Contrôle alternatif - Version B : Faisons du shopping*	27. Alternate Test – Form B: Let's Go Shopping*
	28. Glossaire et références	28. Glossary and Credits

Unit 2: Au Travail		
French II	Assignments	
	1. Les métiers de la santé	1. Health Care Professions
	2. Les professions artistiques	2. Professions in the Arts
	3. Les professions artisanales	3. Trades
	4. Les professions qui aident les gens	4. Helping Professions
	5. Interrogation 1 : Les professions	5. Quiz 1 : Jobs
	6. Interrogation alternative – Version A : Les professions*	6. Alternate Quiz – Form A : Jobs*
	7. Interrogation alternative – Version B : Les professions*	7. Alternate Quiz – Form B : Jobs*
	8. Les qualités personnelles	8. Character Traits
	9. Dossier : Mon emploi idéal	9. Project : My Ideal Job
	10. Les emplois des étudiants	10. Student Jobs
	11. Jeune fille au pair	11. Young 'Au Pair' Girl
	12. Interrogation 2 : Le travail des jeunes	12. Quiz 2 : Jobs for Young People
	13. Interrogation alternative – Version A : Le travail des jeunes*	13. Alternate Quiz – Form A : Jobs for Young People*
	14. Interrogation alternative – Version B : Le travail des jeunes*	14. Alternate Quiz – Form B : Jobs for Young People*
	15. Poser sa candidature	15. Applying for a Job
	16. Préparer un entretien d'embauche	16. Preparing for a Job Interview
	17. Oui, monsieur !	17. Yes, Sir!
	18. Le travail au Sénégal	18. Working in Senegal
	19. Interrogation 3 : L'entretien d'embauche et le travail	19. Quiz 3 : Job Interviews and Work
	20. Interrogation alternative – Version A : L'entretien d'embauche et le travail*	20. Alternate Quiz – Form A : Job Interviews and Work*
	21. Interrogation alternative – Version B : L'entretien d'embauche et le travail*	21. Alternate Quiz – Form B : Job Interviews and Work*
	22. Dossier spécial*	22. Special Project*
	23. Révision	23. Review
	24. Contrôle : Au travail	24. Test : At Work
	25. Contrôle alternatif – Version A : Au travail*	25. Alternate Test – Form A: At Work*
	26. Contrôle alternatif – Version B : Au travail*	26. Alternate Test – Form B: At Work*
	27. Glossaire et références	27. Glossary and Credits

Unit 3: Au Cinéma		
FRENCH II	Assignments	
	1. Le cinéma français	1. French Cinema
	2. Quel film va-t-on voir ?	2. Which Movie Are We Going to See?
	3. Où allons-nous ?	3. Where Are We Going?
	4. Allons au cinéma	4. Let's Go to the Movies
	5. Interrogation 1 : Allons au cinéma	5. Quiz 1: Let's Go to the Movies
	6. Interrogation alternative - Version A : Allons au cinéma*	6. Alternate Quiz - Form A: Let's Go to the Movies*
	7. Interrogation alternative - Version B : Allons au cinéma*	7. Alternate Quiz - Form B: Let's Go to the Movies*
	8. Il n'y a plus de places	8. It's All Sold Out
	9. Comment est le film ?	9. How's the Movie?
	10. Dossier : Les Césars du cinéma	10. Project: The Caesar Movie Awards
	11. Interrogation 2 : Le cinéma	11. Quiz 2: The Movies
	12. Interrogation alternative - Version A : Le cinéma*	12. Alternate Quiz 2 - Form A: The Movies*
	13. Interrogation alternative - Version B : Le cinéma*	13. Alternate Quiz 2 - Form B: The Movies*
	14. Festival de Cannes	14. Cannes Film Festival
	15. Une entrevue avec une vedette	15. An Interview with a Movie Star
	16. Dossier : Que nous apprennent les films sur la culture ?	16. Project: What Do Movies Teach Us about Culture?
	17. Dossier : Une histoire, deux cultures	17. Project: One Story, Two Cultures
	18. Interrogation 3 : La culture et le cinéma	18. Quiz 3: Culture and Film
	19. Interrogation alternative - Version A : La culture et le cinéma*	19. Alternate Quiz - Form A: Culture and Film*
	20. Interrogation alternative - Version B : La culture et le cinéma*	20. Alternate Quiz - Form B: Culture and Film*
	21. Dossier spécial*	21. Special Project*
	22. Révision	22. Review
	23. Contrôle : Au cinéma	23. Test: At the Movies
	24. Contrôle alternatif - Version A : Au cinéma*	24. Alternate Test - Form A: At the Movies*
	25. Contrôle alternatif - Version B : Au cinéma*	25. Alternate Test - Form B: At the Movies*
	26. Glossaire et références	26. Glossary and Credits

Unit 4: En Ville et à la Campagne		
French II	Assignments	
	1. Les domiciles	1. Homes
	2. Les tâches ménagères	2. Housework
	3. En ville	3. In the City
	4. Les pièces de l'appartement	4. Rooms in the Apartment
	5. Dossier : Une maison de rêve	5. Project: A Dream House
	6. Interrogation 1 : La ville	6. Quiz 1: The City
	7. Interrogation alternative - Version A : La ville*	7. Alternate Quiz - Form A: The City*
	8. Interrogation alternative - Version B : La ville*	8. Alternate Quiz - Form B: The City*
	9. Le passé composé avec être	9. The Passé Composé Tense with Être
	10. En train	10. On the Train
	11. Interrogation 2 : Les transports	11. Quiz 2 : Transportation
	12. Interrogation alternative - Version A : Les transports*	12. Alternate Quiz - Form A: Transportation*
	13. Interrogation alternative - Version B : Les transports*	13. Alternate Quiz - Form B: Transportation*
	14. La Provence en train	14. Provence by Train
	15. Les maisons en Provence	15. Houses in Provence
	16. Dossier: Les villes et les villages de France	16. Project: Cities and Villages of France
	17. Une journée en Provence	17. A Day in Provence
	18. Dossier : Mon journal de voyage	18. Project: My Travel Journal
	19. Interrogation 3 : La campagne	19. Quiz 3: The Countryside
	20. Interrogation alternative - Version A : La campagne*	20. Alternate Quiz - Form A: The Countryside*
	21. Interrogation alternative - Version B : La campagne*	21. Alternate Quiz - Form B: The Countryside*
	22. Dossier spécial*	22. Special Project
	23. Révision	23. Review
	24. Contrôle : En ville et à la campagne	24. Test: In the City and in the Country
	25. Contrôle alternatif - Version A : En ville et à la campagne*	25. Alternate Test – Form A: In the City and in the Country*
	26. Contrôle alternatif - Version B : En ville et à la campagne*	26. Alternate Test – Form B: In the City and in the Country*
	27. Glossaire et références	27. Glossary and Credits

Unit 5: La Santé		
French II	Assignments	
	1. La France et la nutrition	1. France and Nutrition
	2. Un régime équilibré	2. A Balanced Diet
	3. La nutrition dans le monde francophone	3. Nutrition in the Francophone World
	4. L'activité physique	4. Physical Activity
	5. Dossier : Le journal de mes habitudes	5. Project: My Daily Routine Journal
	6. Interrogation 1 : La nutrition	6. Quiz 1: Nutrition
	7. Interrogation alternative - Version A : La nutrition*	7. Alternate Quiz - Form A: Nutrition*
	8. Interrogation alternative - Version B : La nutrition*	8. Alternate Quiz - Form B: Nutrition*
	9. Les habitudes quotidiennes	9. Daily Routines
	10. Comment t'es-tu occupé?	10. How Did You Keep Busy?
	11. Les habitudes d'un jeune	11. A Teen's Typical Routine
	12. Interrogation 2 : Les habitudes	12. Quiz 2: Routines
	13. Interrogation alternative - Version A : Les habitudes*	13. Alternate Quiz - Form A: Routines*
	14. Interrogation alternative - Version B : Les habitudes*	14. Alternate Quiz - Form B: Routines*
	15. Les symptômes d'une maladie	15. Symptoms of an Illness
	16. Chez le médecin	16. At the Doctor's Office
	17. Interrogation 3 : La maladie et le corps	17. Quiz 3: Illnesses and the Body
	18. Interrogation alternative - Version A : La maladie et le corps*	18. Alternate Quiz - Form A: Illnesses and the Body*
	19. Interrogation alternative - Version B : La maladie et le corps*	19. Alternate Quiz - Form B: Illnesses and the Body*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : La santé	22. Test: Health
	23. Contrôle alternatif - Version A : La santé*	23. Alternate Test - Form A: Health*
	24. Contrôle alternatif - Version B : La santé*	24. Alternate Test - Form B: Health*
	25. Glossaire et références	25. Glossary and Credits
Unit 6: Révision et Contrôle Semestriel		
French II	Assignments	
	1. Révision	1. Review
	2. Contrôle	2. Exam
	3. Contrôle alternatif - Version A*	3. Alternate Exam - Form A*
	4. Contrôle alternatif - Version B*	4. Alternate Exam - Form B*

Unit 7: Les Vacances D'hiver		
French II	Assignments	
	1. Où allez-vous ?	1. Where Are You Going ?
	2. A l'aéroport	2. At the Airport
	3. Les annonces à l'aéroport	3. Announcements at the Airport
	4. Interrogation 1 : Partir en vacances d'hiver	4. Quiz 1 : Leaving for Winter Vacation
	5. Interrogation alternative – Version A : Partir en vacances d'hiver*	5. Alternate Quiz – Form A : Leaving for Winter Vacation*
	6. Interrogation alternative – Version B : Partir en vacances d'hiver*	6. Alternate Quiz – Form B : Leaving for Winter Vacation*
	7. Une capsule mémorielle	7. A Time Capsule
	8. Il faisait froid au Québec	8. It Was Cold in Quebec
	9. Comment étaient tes vacances ?	9. How Was Your Vacation?
	10. Dossier : L'hôtel de glace	10. Project : The Ice Hotel
	11. Interrogation 2 : Raconter ses vacances	11. Quiz 2 : Telling About Your Vacation
	12. Interrogation alternative – Version A : Raconter ses vacances*	12. Alternate Quiz – Form A : Telling About Your Vacation*
	13. Interrogation alternative – Version B : Raconter ses vacances*	13. Alternate Quiz – Form B : Telling About Your Vacation*
	14. Le passe composé et l'imparfait	14. The Past Tenses
	15. Les fêtes culturelles	15. Cultural Celebrations
	16. Dossier : Journal de voyage : le mardi gras	16. Project : Travel Journal: Mardi Gras
	17. Interrogation 3 : Les vacances d'hiver	17. Quiz 3 : Winter Vacation
	18. Interrogation alternative – Version A : Les vacances d'hiver*	18. Alternate Quiz – Form A : Winter Vacation*
	19. Interrogation alternative – Version B : Les vacances d'hiver*	19. Alternate Quiz – Form B : Winter Vacation*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : Les vacances d'hiver	22. Test: Winter Vacation
	23. Contrôle alternatif – Version A : Les vacances d'hiver*	23. Alternate Test – Form A: Winter Vacation*
	24. Contrôle alternatif – Version B : Les vacances d'hiver*	24. Alternate Test – Form B: Winter Vacation*
	25. Glossaire et références	25. Glossary and Credits

Unit 8: La Mode		
Assignments		
French II	1. S'habiller selon la météo	1. Dressing for the Weather
	2. Un magazine de mode	2. A Fashion Magazine
	3. Dans la boutique de prêt-à-porter	3. In the Clothing Store
	4. Choisir des vêtements dans une boutique	4. Choosing Clothing in a Boutique
	5. Dossier : Un événement spécial	5. Project: A Special Event
	6. Interrogation 1 : S'habiller	6. Quiz 1 : Getting Dressed
	7. Interrogation alternative – Version A : S'habiller*	7. Alternate Quiz – Form A : Getting Dressed*
	8. Interrogation alternative – Version B : S'habiller*	8. Alternate Quiz – Form B : Getting Dressed*
	9. La haute couture	9. Haute Couture Fashion
	10. La mode au début du vingtième siècle	10. Fashion at the Beginning of the Twentieth Century
	11. Interrogation 2 : La haute couture et l'histoire de la mode	11. Quiz 2 : High Fashion and the History of Fashion
	12. Interrogation alternative – Version A : La haute couture et l'histoire de la mode*	12. Alternate Quiz – Form A : High Fashion and the History of Fashion*
	13. Interrogation alternative – Version B : La haute couture et l'histoire de la mode*	13. Alternate Quiz – Form B : High Fashion and the History of Fashion*
	14. La mode du vingtième siècle	14. Twentieth Century Fashion
	15. La mode africaine	15. African Fashion
	16. Dossier : Un défilé de mode	16. Project : A Fashion Show
	17. Interrogation 3 : La mode actuelle	17. Quiz 3 : Current Fashion
	18. Interrogation alternative – Version A : La mode actuelle*	18. Alternate Quiz – Form A : Current Fashion*
	19. Interrogation alternative – Version B : La mode actuelle*	19. Alternate Quiz – Form B : Current Fashion*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : La mode	22. Test: Fashion
	23. Contrôle alternatif – Version A : La mode*	23. Alternate Test – Form A: Fashion*
	24. Contrôle alternatif – Version B : La mode*	24. Alternate Test – Form B: Fashion*
	25. Glossaire et références	25. Glossary and Credits

Unit 9: Au Musée D'art		
Assignments		
French II	1. Les beaux-arts	1. The Fine Arts
	2. Les mouvements artistiques en France	2. Art Movements in France
	3. L'histoire à travers l'art	3. History in Art
	4. La statue de la liberté	4. The Statue of Liberty
	5. Interrogation 1 : L'art	5. Quiz 1: Art
	6. Interrogation alternative - Version A : L'art*	6. Alternate Quiz - Form A: Art*
	7. Interrogation alternative - Version B : L'art*	7. Alternate Quiz - Form B: Art*
	8. Le musée du Louvre	8. The Louvre Museum
	9. Un vol au musée	9. A Robbery at the Museum
	10. Plus d'expressions négatives	10. More Negative Expressions
	11. Dossier : On a volé la Joconde	11. Project: Mona Lisa Stolen
	12. Dossier : Un article dans le journal	12. Project: A Newspaper Article
	13. Les impressionnistes	13. The Impressionists
	14. Les descriptions	14. Descriptions
	15. Interrogation 2 : Au musée	15. Quiz 2: At the Museum
	16. Interrogation alternative - Version A : Au musée*	16. Alternate Quiz - Form A: At the Museum*
	17. Interrogation alternative - Version B : Au musée*	17. Alternate Quiz - Form B: At the Museum*
	18. Dossier spécial*	18. Special Project*
	19. Révision	19. Review
	20. Contrôle : Au musée d'art	20. Test: At the Art Museum
	21. Contrôle alternatif - Version A : Au musée d'art*	21. Alternate Test - Form A: At the Art Museum*
	22. Contrôle alternatif - Version B : Au musée d'art*	22. Alternate Test - Form B: At the Art Museum*
	23. Glossaire et références	23. Glossary and Credits

Unit 10: À la Plage		
French II	Assignments	
	1. Les îles tropicales francophones	1. Francophone Tropical Islands
	2. Réserver un hôtel	2. Reserving a Hotel
	3. Les activités à faire pendant les vacances	3. Things to Do on Vacation
	4. Dossier : Comparer les hôtels	4. Project : Hotel Comparison
	5. Interrogation 1 : Les hôtels	5. Quiz 1 : Hotels
	6. Interrogation alternative – Version A : Les hôtels*	6. Alternate Quiz – Form A : Hotels*
	7. Interrogation alternative – Version B : Les hôtels*	7. Alternate Quiz – Form B : Hotels*
	8. Le pronom y	8. The Pronoun Y
	9. Comment y allez-vous ?	9. How Do You Get There?
	10. Interrogation 2 : Les modes de transport	10. Quiz 2 : Modes of Transportation
	11. Interrogation alternative – Version A : Les modes de transport*	11. Alternate Quiz – Form A : Modes of Transportation*
	12. Interrogation alternative – Version B : Les modes de transport*	12. Alternate Quiz – Form B : Modes of Transportation*
	13. La cuisine guadeloupéenne	13. Guadeloupean Food
	14. Le pronom en	14. The Pronoun En
	15. Dossier : Des cartes postales	15. Project : Postcards
	16. Interrogation 3 : La cuisine guadeloupéenne	16. Quiz 3 : Guadeloupean Cooking
	17. Interrogation alternative – Version A : La cuisine guadeloupéenne*	17. Alternate Quiz – Form A : Guadeloupean Cooking*
	18. Interrogation alternative – Version B : La cuisine guadeloupéenne*	18. Alternate Quiz – Form B : Guadeloupean Cooking*
	19. Dossier spécial*	19. Special Project*
	20. Révision	20. Review
	21. Contrôle : À la plage	21. Test: At the Beach
	22. Contrôle alternatif – Version A : À la plage*	22. Alternate Test – Form A: At the Beach*
	23. Contrôle alternatif – Version B : À la plage*	23. Alternate Test – Form B: At the Beach*
	24. Glossaire et références	24. Glossary and Credits

Unit 11: Les Rites de Passage		
French II	Assignments	
	1. Les rites de passage	1. Rites of Passage
	2. L'enfance	2. Childhood
	3. Les événements de l'adolescence	3. Events in Adolescence
	4. Le permis de conduire en Europe	4. Driver's License in Europe
	5. Interrogation 1 : Les souvenirs	5. Quiz 1: Memories
	6. Interrogation alternative - Version A : Les souvenirs*	6. Alternate Quiz - Form A: Memories*
	7. Interrogation alternative - Version B : Les souvenirs*	7. Alternate Quiz - Form B: Memories*
	8. Les verbes réguliers au futur simple	8. The Simple Future Tense of Regular Verbs
	9. Les verbes irréguliers au futur simple	9. The Simple Future Tense of Irregular Verbs
	10. Dossier : Mes projets d'avenir	10. Project: My Plans for the Future
	11. Interrogation 2 : L'avenir	11. Quiz 2: The Future
	12. Interrogation alternative - Version A : L'avenir*	12. Alternate Quiz - Form A: The Future*
	13. Interrogation alternative - Version B : L'avenir*	13. Alternate Quiz - Form B: The Future*
	14. Le mariage en France	14. Weddings in France
	15. Le mariage aux pays francophones	15. Weddings in Francophone Countries
	16. Un mariage royal	16. A Royal Wedding
	17. Dossier : Les rites de passage dans quelques pays francophones	17. Project: Rites of Passage in Some Francophone Countries
	18. Interrogation 3 : Le mariage	18. Quiz 3: Marriage
	19. Interrogation alternative - Version A : Le mariage*	19. Alternate Quiz - Form A: Marriage*
	20. Interrogation alternative - Version B : Le mariage*	20. Alternate Quiz - Form B: Marriage*
	21. Dossier spécial*	21. Special Project*
	22. Révision	22. Review
	23. Contrôle : Les rites de passage	23. Test: Rites of Passage
	24. Contrôle alternatif - Version A : Les rites de passage*	24. Alternate Test – Form A: Rites of Passage*
	25. Contrôle alternatif - Version B : Les rites de passage*	25. Alternate Test – Form B: Rites of Passage*
	26. Glossaire et références	26. Glossary and Credits
Unit 12: Révision et Contrôle Semestriel		
French II	Assignments	
	1. Révision	1. Review
	2. Contrôle	2. Exam
	3. Contrôle alternatif - Version A*	3. Alternate Exam—Form A*
	4. Contrôle alternatif - Version B*	4. Alternate Exam—Form B*

General Science III

General Science III is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on General Science I and II courses. Some of the areas covered in General Science III include the structure of matter, atomic nuclei and radioactivity, geology, oceanography, astronomy, microbiology, medicine, and science today and in the future.

Students at this level should show development in their ability and understanding of scientific inquiry. Some of the units contain experiments and projects that seek to develop meaning for the student and to engage the student actively. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Describe the atomic structure of different elements.
- Calculate and measure volume, mass, and density for different objects.
- Identify different types of geological changes.
- Discuss how the layers of the earth's crust can show history.
- Describe the different parts of the ocean, both living and non-living.
- Explain the differences in the stars and constellations.
- Distinguish between bacterial infections, viral infections, and other types of infections.
- Develop a plan to prevent and treat common diseases through proper health.
- Demonstrate an understanding of the resources of the earth and what is needed to conserve those resources.

Unit 1: Our Atomic World	
General Science III	Assignments
	1. Course Overview
	2. Structure of Matter
	3. Quiz 1: Structure of Matter
	4. Radioactivity
	5. Quiz 2: Radioactivity
	6. Atomic Nuclei
	7. Quiz 3: Atomic Nuclei
	8. Nuclear Energy
	9. Essay: Reactors
General Science III	10. Quiz 4: Nuclear Energy
	11. Applications and Environmental Hazards
	12. Quiz 5
	13. Special Project*
	14. Test
	15. Alternate Test*
	16. Reference

Unit 2: Volume, Mass, and Density	
General Science III	Assignments
	1. Volume
	2. Experiment: Determining Volume
	3. Quiz 1: Volume
	4. Mass
	5. Experiment: Mass of Gas
	6. Quiz 2: Mass
	7. Density
	8. Quiz 3: Density
	9. Special Project*
General Science III	10. Test
	11. Alternate Test*
	12. Reference

Unit 3: Physical Geology		
General Science III	Assignments	
	1. Earth Structures	11. Earth Movements
	2. Internal Structures	12. Experiment: Specific Gravity
	3. Igneous Structures	13. Experiment: Gravity
	4. Essay: Volcanic Eruptions	14. Plate Tectonics
	5. Mountains	15. Quiz 3: Earth Movements
	6. Quiz 1: Earth Structures	16. Special Project*
	7. Earth Changes	17. Test
	8. Erosion and Sediment	18. Alternate Test*
	9. Oceans	19. Reference
	10. Quiz 2: Earth Changes	
Unit 4: Historical Geology		
General Science III	Assignments	
	1. An Observational Science	7. Absolute Time
	2. Sedimentary Rock	8. Quiz 2: Measuring Time
	3. Fossils	9. Special Project*
	4. Crustal Changes	10. Test
	5. Quiz 1: An Observational Science	11. Alternate Test*
	6. Measuring Time	12. Reference
Unit 5: Oceanography		
General Science III	Assignments	
	1. Chronology and Techniques for Investigation	9. Chemistry of the Ocean
	2. Major Discoveries and Submersible Research	10. Physical Properties of the Ocean
	3. Essay: The Moon and Tides	11. Essay: Marine Report
	4. Quiz 1: The History of Oceanography	12. Quiz 3: Biological, Physical, and Chemical Properties
	5. Geological Structure and Results of Profiling	13. Special Project*
	6. Turbidity, Sedimentation, and Currents	14. Test
	7. Quiz 2: Geology of the Ocean	15. Alternate Test*
	8. Biology of the Ocean	16. Reference
Unit 6: Astronomy		
General Science III	Assignments	
	1. Presuppositions	9. Quiz 2: Telescopes and Optics
	2. Extent of the Universe	10. Space Explorations
	3. Constellations	11. Quiz 3: Space Explorations
	4. Measuring the Universe	12. Special Project*
	5. Quiz 1: The Universe	13. Test
	6. Gathering Light and Types of Telescopes	14. Alternate Test*
	7. Other Types of Telescopes	15. Reference
	8. Essay: Telescopes	

Unit 7: Body Health (Part 1)		
General Science III	Assignments	
	1. Microorganisms	12. More Serious Viral Infections
	2. Categories of Pathogenic Organisms	13. Quiz 3: Viral Infections
	3. Characteristics of Infectious Diseases	14. Protozoan Infections
	4. Essay: Medical Science	15. Rickettsial Infections
	5. Quiz 1: Microorganisms	16. Fungal Infections
	6. Digestive Infections	17. Quiz 4: Protozoan, Rickettsial, and Fungal Infections
	7. Respiratory Infections	18. Special Project*
	8. Nervous System Infections	19. Test
	9. Quiz 2: Bacterial Infections	20. Alternate Test*
	10. Common Viral Infections	21. Reference
	11. Childhood Viral Infections	
Unit 8: Body Health (Part 2)		
General Science III	Assignments	
	1. Body Defense Mechanisms	8. Governmental Agencies and Volunteer Groups
	2. Medical Drugs	9. Medical and Drug Control Organizations
	3. Essay: Chemotherapy	10. Quiz 3: Community Agencies
	4. Quiz 1: Disease Treatment	11. Special Project*
	5. Environmental Conditions	12. Test
	6. Medical Advances and Total Health	13. Alternate Test*
	7. Quiz 2: Disease Prevention	14. Reference
Unit 9: Science and Tomorrow		
General Science III	Assignments	
	1. Ecology	9. Outer Space
	2. Agriculture and Waste	10. Inner Space and Self Exploration
	3. Population	11. Quiz 3: People and Their New Frontiers
	4. Quiz 1: People and Their Land	12. Special Project*
	5. Energy Sources	13. Test
	6. Debate: Fossil Fuels, Nuclear/Natural Power	14. Alternate Test*
	7. Industry, Transportation, and Urbanization	15. Reference
	8. Quiz 2: People and Their Work Environment	
Unit 10: Review		
General Science III	Assignments	
	1. Nuclear Power	9. Practical Health
	2. The Metric System	10. Population and Environment
	3. Quiz 1: Nuclear Power	11. Quiz 4: Practical Health
	4. Weight Versus Mass	12. Special Project*
	5. Quiz 2: Weight Versus Mass	13. Test
	6. Deposition Versus Erosion	14. Alternate Test*
	7. The Oceans, Continents; Earth in Space	15. Reference
	8. Quiz 3: Deposition Versus Erosion	

Health Quest

Health Quest is a health science elective course for upper elementary and junior high students. The curriculum introduces students to the concepts of what good health is, why good health is important, and what students should do in order to achieve good health.

Upon completion of the course, students should be able to do the following:

- Demonstrate an awareness of health as it applies to their own bodies, minds, and emotions.
- Demonstrate an awareness of health as it applies to their living environments.
- Identify the components of a healthy lifestyle and set reasonable goals to achieve a lifestyle of wellness.
- Understand that incorporating sound health practices creates a lifestyle of moderation and wellness.
- Understand the responsibility of properly stewarding the bodies God has given them as directed in the Bible.
- Describe health as it applies to broader society, the world, and their own responsibility to stimulate good health around them.

Unit 1: Your Body	
Assignments	
1. Course Overview	12. Alternate Quiz 2: Your Breath and Blood*
2. The "Stuff" You're Made Of	13. Growing and Changing
3. Experiment: Calcium	14. Keeping your Body Clean
4. Quiz 1: The "Stuff" You're Made Of	15. You're Growing Up: Hello Adolescence!
5. Alternate Quiz 1: The "Stuff" You're Made Of *	16. You've Grown Up: Nice to Meet You, Adulthood!
6. Your Breath and Blood	17. Quiz 3: Growing and Changing
7. Experiment: The Heart	18. Alternate Quiz 3: Growing and Changing*
8. Your Food Goes Where?	19. Special Project*
9. What's Your Nervous System?	20. Test
10. Chomping, Winking and Listening	21. Alternate Test*
11. Quiz 2: Your Breath and Blood	22. Glossary and Credits

Unit 2: Your Feelings, Emotions, and Behaviors	
Assignments	
1. How Are You Feeling Today?	8. I Am a Good Friend
2. How Do I Make the Right Choice?	9. Quiz 2: Social Skill Savvy
3. Project: Physical Play	10. Alternate Quiz 2: Social Skill Savvy*
4. Quiz 1: Your Feelings, Emotions, and Behaviors	11. Special Project*
5. Alternate Quiz 1: Your Feelings, Emotions and Behaviors*	12. Test
6. Social Skill Savvy	13. Alternate Test *
7. Me and My Family	14. Glossary and Credits

Unit 3: Your Nutrition and Fitness**Assignments**

Health Quest

- | | |
|---|---------------------------------------|
| 1. You Are What You Eat! | 13. Let's Go Play! |
| 2. What's In the Food You're Eating? | 14. Experiment: Exercise |
| 3. Project: Nutrients | 15. Fitness Fun! |
| 4. Project: Junk Food | 16. Project: Fitness Program |
| 5. Activity: Advertisement* | 17. Activity: Improvements |
| 6. Quiz 1: You Are What You Eat! | 18. Quiz 3: Let's Go Play! |
| 7. Alternate Quiz 1: You Are What You Eat!* | 19. Alternate Quiz 3: Let's Go Play!* |
| 8. Your Healthy Eating Habits | 20. Special Project* |
| 9. My Plate | 21. Test |
| 10. Project: Menu Planner | 22. Alternate Test* |
| 11. Quiz 2: Your Healthy Eating Habits | 23. Glossary and Credits |
| 12. Alternate Quiz 2: Your Healthy Eating Habits* | |

Unit 4: Play it Safe!**Assignments**

Health Quest

- | | |
|--|---|
| 1. Avoiding Accidents | 11. Quiz 2: Emergency! First Aid |
| 2. Safety in Your Home | 12. Alternate Quiz 2: Emergency! First Aid* |
| 3. Project: Fire Escape | 13. Dodging Disease |
| 4. Safety in Your Community | 14. Quiz 3: Dodging Disease |
| 5. Project: Safety Check | 15. Alternate Quiz 3: Dodging Disease* |
| 6. Quiz 1: Playing it Safe! | 16. Special Project* |
| 7. Alternate Quiz 1: Playing it Safe!* | 17. Test |
| 8. Emergency! Your First Aid Answers | 18. Alternate Test* |
| 9. Project: Heimlich Maneuver | 19. Glossary and Credits |
| 10. Project: First Aid Kit | |

Unit 5: Being a Good Steward**Assignments**

Health Quest

- | | |
|--|---|
| 1. Being a Good Steward of God's Creation | 9. Project: Poison Control |
| 2. How Can I Prevent Pollution? | 10. Project: Expiration Dates |
| 3. Project: Pollutants | 11. Quiz 2: Showing Stewardship for Yourself |
| 4. Project: Recycle | 12. Alternate Quiz 2: Showing Stewardship for Yourself* |
| 5. Project: Conserve | 13. Project: Letter |
| 6. Quiz 1: Being a Good Steward of God's Creation | 14. Special Project* |
| 7. Alternate Quiz 1: Being a Good Steward of God's Creation* | 15. Test |
| 8. Showing Stewardship for Yourself | 16. Alternate Test* |
| | 17. Glossary and Credits |

High School Health

High School Health is a health science elective course that introduces students to what good health is, why good health is important, and what students should do in order to achieve good health.

Upon completion of the course, students should be able to do the following:

- Demonstrate an awareness of health as it applies to their own bodies, minds, and emotions.
- Demonstrate an awareness of health as it applies to their living environments.
- Identify the components of a healthy lifestyle and set reasonable goals to achieve a lifestyle of wellness.
- Understand that incorporating sound health practices creates a lifestyle of moderation and wellness.
- Understand the responsibility of properly stewarding the bodies God has given them as directed in the Bible.
- Describe health as it applies to broader society, the world, and their own responsibility to stimulate good health around them.

Unit 1: Body Essentials		
High School Health	Assignments	
	1. Course Overview	11. Growth and Development
	2. The Head and Crown of Creation	12. Activity: Fetal Development
	3. Anatomy and Physiology	13. Childhood Development
	4. Quiz 1: Building Blocks of the Body	14. Adolescence
	5. Nervous System and Circulatory System	15. Adulthood
	6. Activity: Your Adaptive Heart	16. Activity: Interviewing an Older Person
	7. Respiratory, Skeletal, and Muscular System	17. Quiz 3: Stages of Development
	8. Digestive, Excretory, Endocrine, and Integumentary System	18. Special Project
	9. Immune, Lymphatic, and Reproductive System	19. Test
	10. Quiz 2: Body Systems	20. Alternate Test
		21. Reference
Unit 2: Physical Health		
High School Health	Assignments	
	1. Benefits of Proper Nutrition	12. Exercise and Physical Fitness
	2. Carbohydrates	13. Activity: Heart Rate
	3. Vitamins	14. Muscular Endurance and Strength
	4. Activity: Your Favorite Foods	15. Exercise Program
	5. Quiz 1: Essentials of Nutrition	16. Activity: How Fit Are You?*
	6. Developing Proper Eating Habits	17. Quiz 3: Exercise and Physical Fitness
	7. Dairy Group and Protein Group	18. Special Project*
	8. Activity: Got Calcium?*	19. Test
	9. Food, God's Tasty Gift	20. Alternate Test*
	10. Healthy Eating Habits	21. Reference
	11. Quiz 2: Eating the Right Foods	

Unit 3: Social and Mental Health		
High School Health	Assignments	
	1. Aspects of Health	10. Personal Hygiene
	2. Love	11. Teeth, Mouth, Eyes, and Ears
	3. Activity: Examine Yourself	12. Activity: Hygiene Habits
	4. Mental and Emotional Health	13. Quiz 3: Personal Hygiene
	5. Quiz 1: Mental, Social, and Emotional Health	14. Special Project*
	6. Social Health	15. Test
	7. Friends	16. Alternate Test*
	8. Speaking in Love	17. Reference
	9. Quiz 2: Social Interaction	
Unit 4: Preventative Health Care and First Aid		
High School Health	Assignments	
	1. Safety	13. First Aid
	2. Home Safety	14. Activity: First Aid Kit
	3. Home Safety II	15. Evaluating the Scene
	4. Home Safety III	16. Wounds and Bleeding
	5. Activity: Home Safety	17. Burns and Other Emergencies
	6. Quiz 1: Home Safety	18. Activity: Making a Splint
	7. Safety Guidelines	19. Hypothermia and Frostbite
	8. Personal Safety	20. Quiz 3: First Aid
	9. Activity: Moving Violations	21. Special Project*
	10. Water Safety	22. Test
	11. Weather Safety	23. Alternate Test*
	12. Quiz 2: Personal Safety and the Environment	24. Reference
Unit 5: Responsible Living		
High School Health	Assignments	
	1. Disease and Prevention	13. Tobacco
	2. Childhood Immunizations	14. Activity: Smoking, A Wise Choice?
	3. Activity: Your Shots	15. Quiz 2: Substance Abuse
	4. Non-Infectious Diseases	16. Health and the Environment
	5. Activity: Major Diseases	17. Activity: Mother Earth
	6. Health Care	18. Water Essentials
	7. Activity: Visit the Sick	19. Sexually Transmitted Diseases
	8. Quiz 1: Diseases and Health Care	20. Quiz 3: Health, Pollution, and the Environment
	9. Drug Use and Abuse	21. Special Project*
	10. Drug Use and Abuse 2	22. Test
	11. Alcohol	23. Alternate Test*
	12. Activity: Interview on Alcohol Use	24. Reference

Personal Financial Literacy

Personal Financial Literacy is a semester-length elective designed to help high school students prepare for success in making financial decisions throughout their lives.

Topics in the course address the advantages of making sound financial decisions in both the short and long term, income planning, money management, saving and investing, and consumer rights and responsibilities.

Upon completion of Personal Financial Literacy, students should possess the knowledge and skills needed to do the following:

- Find and evaluate financial information from a variety of sources when making personal financial decisions.
- Understand the role of income, taxes, and research in developing and planning a career path.
- Develop systems for managing money (including saving and investing) tied to personal financial goals.
- Recognize and understand a consumer's rights and responsibilities in a complex world market.

Unit 1: Financial Responsibility and Decision Making		
Personal Financial Literacy	Assignments	
	1. Course Overview	12. Alternate Quiz 2 - Form B: Financial Information*
	2. Introduction to Financial Literacy	13. Personal Financial Goals
	3. Self-Assessment	14. Decision-Making Process
	4. Taking Responsibility	15. Project: Making Decisions
	5. Quiz 1: Overview of Financial Literacy	16. Quiz 3: Decision Making
	6. Alternate Quiz 1 - Form A: Overview of Financial Literacy*	17. Alternate Quiz 3 - Form A: Decision Making*
	7. Alternate Quiz 1 - Form B: Overview of Financial Literacy*	18. Alternate Quiz 3 - Form B: Decision Making*
	8. Finding and Evaluating Financial Information	19. Special Project*
	9. Project: Reliable Financial Information	20. Review
	10. Quiz 2: Financial Information	21. Test
	11. Alternate Quiz 2 - Form A: Financial Information*	22. Alternate Test - Form A*
		23. Alternate Test - Form B*
		24. Glossary and Credits

Unit 2: Careers and Income		
Personal Financial Literacy	Assignments	
	1. Exploring Career Options	12. Project: Tax Forms
	2. Starting a Business	13. Quiz 2: Income and Taxes
	3. Project: Self-Reflection	14. Alternate Quiz 2 - Form A: Income and Taxes*
	4. Career Path	15. Alternate Quiz 2 - Form B: Income and Taxes*
	5. Project: Reaching My Career Goals	16. Special Project*
	6. Quiz 1: Careers	17. Review
	7. Alternate Quiz 1 - Form A: Careers*	18. Test
	8. Alternate Quiz 1 - Form B: Careers*	19. Alternate Test - Form A*
	9. Sources of Income	20. Alternate Test - Form B*
	10. My Paycheck	21. Glossary and Credits
	11. Taxes	

Unit 3: Money Management		
Personal Financial Literacy	Assignments	
	1. Overview of a Budget	17. Alternate Quiz 2 - Form A: Financial Institutions and Services*
	2. Project: Spending Diary	18. Alternate Quiz 2 - Form B: Financial Institutions and Services*
	3. Spending	19. Financial Risks
	4. Money Management Tools	20. Project: Manage the Risks
	5. Project: Create a Budget	21. Quiz 3: Risks
	6. Quiz 1: Budget	22. Alternate Quiz 3 - Form A: Risks*
	7. Alternate Quiz 1 - Form A: Budget*	23. Alternate Quiz 3 - Form B: Risks*
	8. Alternate Quiz 1 - Form B: Budget*	24. Special Project*
	9. Financial Institutions	25. Review
	10. Project: Selecting a Bank	26. Test
	11. Services, Tools, and Resources	27. Alternate Test - Form A*
	12. Checking Account	28. Alternate Test - Form B*
	13. Project: Choosing a Checking Account	29. Glossary and Credits
	14. Project: Checkbook	
	15. Online Banking	
	16. Quiz 2: Financial Institutions and Services	

Unit 4: Saving and Investing		
Personal Financial Literacy	Assignments	
	1. It Pays to Save	12. Project: Portfolio
	2. Savings Account	13. Quiz 2: Investing
	3. Special Savings Accounts	14. Alternate Quiz 2 - Form A: Investing*
	4. Project: Where Should I Save?	15. Alternate Quiz 2 - Form B: Investing*
	5. Quiz 1: Saving	16. Special Project*
	6. Alternate Quiz 1 - Form A: Saving*	17. Review
	7. Alternate Quiz 1 - Form B: Saving*	18. Test
	8. Overview of Investing	19. Alternate Test - Form A*
	9. Stocks	20. Alternate Test - Form B*
	10. Project: Tracking Stock	21. Glossary and Credits
	11. Financial Planning	

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Physical Education

Physical Education is a semester-long elective designed for high school students. The course focuses on performance of individual and team sports, with explanations of proper technique, rules of the game, and preparation. Team sports introduced include soccer, basketball, football, baseball, and volleyball. An introduction to fitness, strength, endurance, and nutrition is also included.

Students will have the opportunity to perform each sport on their own time, while keeping a log of activity. The goal is incorporation of activity into their daily lives and the gain of lifelong healthy fitness habits.

Throughout the course, students may be asked to answer questions or to reflect on what they've read in their notes. The notes are not graded. Rather, they are a way for students to extend their thinking about the lesson content. Students may keep handwritten or typed notes.

Upon completion of Physical Education, students should possess the knowledge and skills needed to do the following:

- Define physical fitness and describe the components of being physically fit
- Evaluate their fitness level
- Apply physical fitness, nutrition-related, and weight-management skills to their lives
- Understand and apply safe exercise rules
- Describe the history and rules of sports such as basketball, baseball, football, soccer, volleyball, and gymnastics
- Describe and apply skills needed for a variety of sports

Unit 1: Physical Education		
Physical Education	Assignments	
	1. Course Overview	26. Project: Modern Baseball
	2. Defining Physical Fitness	27. Baseball History
	3. Principles of Training	28. Project: Baseball History
	4. Project: Principles of Training	29. Volleyball
	5. Risk Factors and Behaviors	30. Project: Volleyball
	6. Project: Risk Factors and Behaviors	31. Title IX and Gender Issues in Sports
	7. Balance and Flexibility	32. Project: Title IX and Gender Issues in Sports
	8. How the Heart Works	33. Olympics
	9. Project: How the Heart Works	34. Project: Olympics
	10. Muscular Strength and Endurance	35. Controversy in the Olympic Games
	11. Evaluating Your Fitness Level	36. Project: Controversy in the Olympic Games
	12. Nutrition	37. Golf
	13. Project: Nutrition	38. Project: Golf
	14. Weight Management	39. Tennis
	15. Responsible Choices	40. Swimming
	16. Project: Responsible Choices	41. Project: Swimming
	17. Handling Your Stress	42. Gymnastics
	18. Exercise Safety	43. Running
	19. Soccer	44. Project: Running
	20. Project: Soccer	45. Racewalking
	21. Basketball Overview	46. Careers in Sports
	22. Project: Basketball Overview	47. Project: Careers in Sports
	23. Understanding Football	48. Test
	24. Project: Understanding Football	49. Glossary and Credits
	25. Modern Baseball	

Physical Fitness

Physical Fitness is a semester-length elective designed for high school students. The course focuses on the health benefits of regular physical activity and of a long-term exercise program.

As students work through the course, they will learn about the many aspects of physical fitness, including basic nutrition, the importance of flexibility, cardiovascular health, muscle and strength training, and realistic goal setting. Along the way, students will be required to maintain and submit an activity log in order to measure progress in course exercises, as well as in personal fitness goals.

Upon completion of Physical Fitness, students should possess the knowledge and skills needed to do the following:

- Analyze the key components of successful physical activity and use this analysis to determine if a program is reasonable and effective.
- Describe the three main types of physical activity that should be included in a exercise regime and the health benefits of each.
- Perform basic fitness exercises associated with the three main types of physical activity discussed in this course.
- Identify the main motivational strategies that can be used to help the student continue in positive fitness habits once this course is completed.

Unit 1: An Overview of Fitness		
Assignments		
Physical Fitness	1. Course Overview	13. What is Nutrition?
	2. What is Physical Fitness?	14. Weight Control
	3. Why Should I Exercise?	15. Putting the Pieces Together
	4. Quiz 1: Physical Fitness and Exercise	16. Project: Food Analysis
	5. Alternate Quiz 1-Form A: Physical Fitness and Exercise*	17. Quiz 3: Basic Nutrition
	6. Alternate Quiz 1-Form B: Physical Fitness and Exercise*	18. Alternate Quiz 3-Form A: Basic Nutrition*
	7. Physical Benefits	19. Alternate Quiz 3-Form B: Basic Nutrition*
	8. Mental and Emotional Benefits	20. Special Project*
	9. Longevity	21. Review
	10. Quiz 2: Benefits of Exercise	22. Test
	11. Alternate Quiz 2-Form A: Benefits of Exercise*	23. Alternate Test-Form A*
	12. Alternate Quiz 2-Form B: Benefits of Exercise*	24. Alternate Test-Form B*
		25. Glossary and Credits

Unit 2: Flexibility Training		
Physical Fitness	Assignments	
	1. Daily Activity versus Planned Exercise	13. Correct Motion and Breathing
	2. Project: Using the Activity Log	14. Project: Upper Body Flexibility Exercises
	3. Warm-ups and Cool-Downs	15. Project: Lower Body Flexibility Exercises
	4. Quiz 1: Planning Daily Exercise	16. Project: Whole Body Flexibility Exercises
	5. Alternate Quiz 1-Form A: Planning Daily Exercise*	17. Unit 2 Activity Log
	6. Alternate Quiz 1-Form B: Planning Daily Exercise*	18. Special Project*
	7. Is Stretching Exercise?	19. Review
	8. Physical Benefits of Stretching	20. Test
	9. Project: Test your Flexibility	21. Alternate Test-Form A*
	10. Quiz 2: Stretching	22. Alternate Test-Form B*
	11. Alternate Quiz 2-Form A: Stretching*	23. Glossary and Credits
	12. Alternate Quiz 2-Form B: Stretching*	
Unit 3: Cardiovascular Fitness		
Physical Fitness	Assignments	
	1. What Defines Cardiovascular Exercise?	15. Project: High Intensity Calorie Burning
	2. Benefits of Cardiovascular Training	16. Quiz 3: Cardiovascular Exercise and Weight Control
	3. Project: Test Your Cardiovascular Fitness Level	17. Alternate Quiz 3-Form A: Cardiovascular Exercise and Weight Control*
	4. Quiz 1: Cardiovascular Training	18. Alternate Quiz 3-Form B: Cardiovascular Exercise and Weight Control*
	5. Alternate Quiz 1-Form A: Cardiovascular Training*	19. Unit 3 Activity Log
	6. Alternate Quiz 1-Form B: Cardiovascular Training*	20. Special Project*
	7. Intensity Versus Duration	21. Review
	8. Project: Walking Drills	22. Test
	9. Project: Wind Sprints	23. Alternate Test-Form A*
	10. Quiz 2: Intensity Versus Duration	24. Alternate Test-Form B*
	11. Alternate Quiz 2-Form A: Intensity Versus Duration*	25. Glossary and Credits
	12. Alternate Quiz 2-Form B: Intensity Versus Duration*	
	13. Cardiovascular Exercise and Weight Control	
	14. Project: Low Impact Calorie Burning	
Unit 4: Resistance Training		
Physical Fitness	Assignments	
	1. What is Strength Training?	13. Quiz 2: The Resistance Training Workout
	2. How is Muscular Strength Developed?	14. Alternate Quiz 2-Form A: The Resistance Training Workout*
	3. Project: Test Your Muscular Strength and Endurance	15. Alternate Quiz 2-Form B: The Resistance Training Workout*
	4. Quiz 1: Resistance Training	16. Unit 4 Activity Log
	5. Alternate Quiz 1-Form A: Resistance Training*	17. Special Project*
	6. Alternate Quiz 1-Form B: Resistance Training*	18. Review
	7. A Combination of Resistance and Repetitions	19. Test
	8. Project: Isolating the Upper Body	20. Alternate Test-Form A*
	9. Project: Isolating the Lower Body	21. Alternate Test-Form B*
	10. Project: Developing Your Core	22. Glossary and Credits
	11. Project: Graded Resistance Exercise Performance	
	12. Strength Training and Weight Control	

Physical Fitness

Unit 5: Motivation and Mindset	
Assignments	
1. Developing a Realistic Mindset and Goals	14. Success Strategies
2. Adapting the Program Over Time	15. Project: Try a Strategy for Success
3. Project: Flexibility and Cardiovascular Exercise Workout	16. Project: A Resistance Training and Flexibility Workout
4. Quiz 1: Motivation and Mindset	17. Quiz 3: Staying Motivated
5. Alternate Quiz 1-Form A: Motivation and Mindset*	18. Alternate Quiz 3-Form A: Staying Motivated*
6. Alternate Quiz 1-Form B: Motivation and Mindset*	19. Alternate Quiz 3-Form B: Staying Motivated*
7. Overuse injuries	20. Unit 5 Activity Log
8. Breaks and Plateaus	21. Special Project*
9. Project: A Cardiovascular Exercise Workout	22. Review
10. Quiz 2: Dealing with Setbacks	23. Test
11. Alternate Quiz 2-Form A: Dealing with Setbacks*	24. Alternate Test-Form A*
12. Alternate Quiz 2-Form B: Dealing with Setbacks*	25. Alternate Test-Form B*
13. Understanding Discouragement and Motivation	26. Glossary and Credits

Unit 6: Course Review and Exam	
Assignments	
1. Review	3. Alternate Exam-Form A*
2. Exam	4. Alternate Exam-Form B*

Spanish I

Spanish I is an entry level high school foreign language course that explores the Spanish language through communication, culture, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, and in cultural competency.

Upon completion of the course, students should be able to do the following:

- Use Spanish in everyday situations in a basic manner and in both oral and written communication.
- Use vocabulary necessary to function as a tourist in Spanish-speaking countries.
- Demonstrate a basic knowledge of the Spanish-speaking world.
- Listen to and understand basic passages in Spanish related to various themes.
- Read and understand basic passages in Spanish related to various themes.
- Compare and contrast cultural aspects of Hispanic countries and the United States.

Spanish I introduces students to the mechanics of the Spanish language, acquaints them with the cultural differences of Hispanic countries, and helps them gain a keen awareness of their own culture.

Unit 1: Amigos en el Mundo	
Assignments	
1. Course Overview	1. Course Overview
2. A comenzar: Las primeras palabras	2. Let's Start: The First Words
3. ¿Dónde se habla español en el mundo?	3. Where in the World is Spanish Spoken?
4. El alfabeto	4. The Alphabet
5. Saludos y expresiones	5. Expressions for Greeting People
6. Cómo saludamos en los países de habla hispana	6. How to Greet Someone in a Spanish Speaking Country
7. Prueba 1: El español en el mundo	7. Quiz 1: Spanish in the World
8. Prueba alterna - Versión A: El español en el mundo*	8. Alternate Quiz - Form A: Spanish in the World*
9. Prueba alterna - Versión B: El español en el mundo*	9. Alternate Quiz - Form B: Spanish in the World*
10. Los pronombres: Primera parte	10. Subject Pronouns: Part One
11. Los pronombres: Segunda parte	11. Subject Pronouns: Part Two
12. Los nombres y los artículos definidos	12. Nouns and Definite Articles
13. Los colores: Una introducción a los adjetivos	13. Colors: An Introduction to Adjectives
14. Practiquemos más adjetivos	14. Let's Practice More Adjectives
15. Prueba 2: Pronombres y géneros	15. Quiz 2: Pronouns and Gender
16. Prueba alterna - Versión A: Pronombres y géneros*	16. Alternate Quiz - Form A: Pronouns and Gender*
17. Prueba alterna - Versión B: Pronombres y géneros*	17. Alternate Quiz - Form B: Pronouns and Gender*
18. En clase	18. In the Classroom
19. Los verbos	19. Verbs
20. Más verbos	20. More Verbs
21. Prueba 3: El presente	21. Quiz 3: Present Tense
22. Prueba alterna - Versión A: El presente*	22. Alternate Quiz - Form A: Present Tense*
23. Prueba alterna - Versión B: El presente*	23. Alternate Quiz - Form B: Present Tense*
24. Proyecto: ¡Vamos a viajar!	24. Project: Let's Travel!
25. Proyecto Especial*	25. Special Project*
26. Repaso	26. Review
27. Examen	27. Exam
28. Examen alterno - Versión A*	28. Alternate Exam - Form A*
29. Examen alterno - Versión B*	29. Alternate Exam - Form B*
30. Glosario y créditos	30. Glossary and Credits

Unit 2: Amigos en Ee.Uu.		
Assignments		
Spanish I	1. Las oportunidades de usar el español	1. Opportunities to Use Spanish
	2. Lo que no hacemos	2. What We Don't Do
	3. Los números parte 1	3. Numbers Part 1
	4. Los números parte 2	4. Numbers Part 2
	5. ¿Qué día es hoy?	5. What Day is Today?
	6. ¿Qué hora es?	6. What Time is It?
	7. Más sobre la hora	7. More about Time
	8. Prueba 1: El horario del viaje	8. Quiz 1: The Schedule of the Trip
	9. Prueba alterna - Versión A: El horario del viaje*	9. Alternate Quiz - Form A: The Schedule of the Trip*
	10. Prueba alterna - Versión B: El horario del viaje*	10. Alternate Quiz - Form B: The Schedule of the Trip*
	11. ¿Formal o no?	11. Formal or Informal?
	12. ¿Cómo es?	12. What is He or She Like?
	13. Segunda conjugación	13. Second Conjugation
	14. Tercera conjugación	14. Third Conjugation
	15. Estructura y partes de la oración	15. Structure and Parts of the Sentence
	16. Cómo empezar una conversación. Las presentaciones	16. How to Begin a Conversation: Introductions
	17. Prueba 2: Presentaciones: Conozcamos gente	17. Quiz 2: Introductions: Let's Get to Know People
	18. Prueba alterna - Versión A: Presentaciones: Conozcamos gente*	18. Alternate Quiz - Form A: Introductions: Let's Get to Know People*
	19. Prueba alterna - Versión B: Presentaciones: Conozcamos gente*	19. Alternate Quiz - Form B: Introductions: Let's Get to Know People*
	20. Proyecto: ¿Cómo es mi familia?	20. Project: What is My Family Like?
	21. Proyecto Especial*	21. Special Project*
	22. Repaso	22. Review
	23. Examen	23. Exam
	24. Examen alterno - Versión A*	24. Alternate Exam - Form A*
	25. Examen alterno - Versión B*	25. Alternate Exam - Form B*
	26. Glosario y créditos	26. Glossary and Credit

Unit 3: Amigos en México		
Spanish I	Assignments	
	1. ¡Ay Chihuahua! ¡Hay tantas culturas en México!	1. Wow! There are so Many Cultures in Mexico!
	2. ¿En qué se diferencia mi vida de la vida en México?	2. How is My Life Different Than Life in Mexico?
	3. ¡Vamos a la playa!	3. Let's Go to the Beach!
	4. La tierra del jarabe tapatío	4. The Land of the Mexican Hat Dance
	5. La historia de México: Un vistazo a su gente a través del arte	5. The History of Mexico: A Look at the People Through Art
	6. Una historia de amor: A practicar los verbos en México D.F.	6. A Love Story: Practicing Verbs in Mexico City
	7. Prueba 1: La tierra de los Aztecas	7. Quiz 1: The Land of the Aztecs
	8. Prueba alterna - Versión A: La tierra de los Aztecas*	8. Alternate Quiz - Form A: The Land of the Aztecs*
	9. Prueba alterna - Versión B: La tierra de los Aztecas*	9. Alternate Quiz - Form B: The Land of the Aztecs*
	10. La cultura en el mercado: Una visita a Veracruz	10. Culture in the Market: A Visit to Veracruz
	11. La quinceañera: Una invitación especial	11. The Sweet Fifteen Party: An Invitation
	12. ¡Vamos a la corrida!: Una estancia en Campeche	12. Let's Go to the Bullfight: A Stay in Campeche
	13. El mundo maya	13. The Mayan World
	14. ¡Qué viva México! ¡Viva la independencia!	14. Long Live Mexico and its Independence!
	15. ¡Qué padre es México! Una carta a la familia	15. Mexico is so Cool! A Letter to the Family
	16. Prueba 2: La tierra de los Mayas	16. Quiz 2: The Land of the Mayas
	17. Prueba alterna - Versión A: La tierra de los Mayas*	17. Alternate Quiz - Form A: The Land of the Mayas*
	18. Prueba alterna - Versión B: La tierra de los Mayas*	18. Alternate Quiz - Form B: The Land of the Mayas*
	19. Proyecto: Mi amigo mexicano	19. Project: My Mexican Friend
	20. Proyecto Especial*	20. Special Project*
	21. Repaso	21. Review
	22. Examen	22. Exam
	23. Examen alterno - Versión A*	23. Alternate Exam - Form A*
	24. Examen alterno - Versión B*	24. Alternate Exam - Form B*
	25. Glosario y créditos	25. Glossary and Credits

Unit 4: Amigos en Argentina		
Spanish I	Assignments	
	1. Charlie y Sophie llegan a Buenos Aires	1. Charlie and Sophie Arrive in Buenos Aires
	2. Una visita familiar: ¡Vamos a tomar el té!	2. A Family Visit: Let's Have Tea!
	3. Una súper naturaleza: Las cataratas más altas de América	3. Super Nature: The Highest Waterfalls in the Americas
	4. Bosques de Palermo: Un día en el parque	4. Bosques de Palermo: A Day at the Park
	5. Mar del Plata: ¡Vamos a pasarla re-bien en la playa!	5. Mar del Plata: We'll have a Great Time at the Beach!
	6. ¡Vamos a bailar!	6. Let's Dance!
	7. Prueba 1: La vida argentina	7. Quiz 1: Argentinean Life
	8. Prueba alterna - Versión A: La vida argentina*	8. Alternate Quiz – Form A: Argentinean Life*
	9. Prueba alterna - Versión B: La vida argentina*	9. Alternate Quiz – Form B: Argentinean Life*
	10. El valle de Lerma: una rica historia	10. The Valley of Lerma: A Rich History
	11. El Camino Inca	11. The Inca Trail
	12. La vida en las pampas de Argentina	12. Life in the Argentinean Pampas
	13. ¡A disfrutar el aire libre!: Un viaje por el oeste	13. Let's Enjoy the Outdoors: A Trip West
	14. ¡Qué frío hace en Santa Cruz!	14. It's So Cold in Santa Cruz!
	15. Una reunión familiar fantástica: Vamos a la Tierra del Fuego	15. A Fantastic Family Reunion: Let's Go to the Tierra del Fuego
	16. Prueba 2: A viajar por Argentina	16. Quiz 2: Let's Travel in Argentina
	17. Prueba alterna - Versión A: A viajar por Argentina*	17. Alternate Quiz Form – A: Let's Travel in Argentina*
	18. Prueba alterna - Versión B: A viajar por Argentina*	18. Alternate Quiz Form – B: Let's Travel in Argentina*
	19. Proyecto: Mi familia	19. Project: My Family
	20. Proyecto Especial*	20. Special Project*
	21. Repaso	21. Review
	22. Examen	22. Exam
	23. Examen alterno - Versión A*	23. Alternate Exam – Form A*
	24. Examen alterno - Versión B*	24. Alternate Exam – Form B*
	25. Glosario y créditos	25. Glossary and Credits

Unit 5: Amigos en Honduras y el Salvador		
Spanish I	Assignments	
	1. Sophie y Charlie llegan a Honduras	1. Sophie and Charlie Arrive in Honduras
	2. Un árbol muy útil: La Ceiba	2. A Very Useful Tree: The Ceiba
	3. ¡Hace frío y llueve, pero no nieva!	3. It's Cold and It Rains, But It Doesn't Snow!
	4. El mundo maya en Honduras	4. The Mayan World in Honduras
	5. ¿Qué podemos comprar en Honduras?	5. What Can We Buy in Honduras?
	6. Proyecto: Un pronóstico meteorológico	6. Project: A Weather Forecast
	7. ¿Cuándo?, no entiendo.	7. When? I Don't Understand.
	8. Proyecto: A cocinar ticucos	8. Project: Let's Make Ticucos
	9. Prueba 1: Amigos en Honduras	9. Quiz 1: Friends in Honduras
	10. Prueba alterna - Versión A: Amigos en Honduras*	10. Alternate Quiz - Form A: Friends in Honduras*
	11. Prueba alterna - Versión B: Amigos en Honduras*	11. Alternate Quiz - Form B: Friends in Honduras*
	12. Charlie y Sophie llegan a El Salvador	12. Charlie and Sophie Arrive in El Salvador
	13. El clima de El Salvador	13. The Climate of El Salvador
	14. Proyecto: Un mapa del tiempo	14. Project: A Weather Map
	15. ¿Es Carlos sensible?	15. Is Charlie Sensitive?
	16. Trabajamos todos: el café salvadoreño	16. Everybody Works: Salvadoran Coffee
	17. Las artesanías, ¡qué buen trabajo!	17. Arts and Crafts, What a Great Job!
	18. Proyecto: ¡A cocinar un platillo salvadoreño!	18. Project: Let's Make Salvadoran Food!
	19. ¿Qué están haciendo?	19. What Are They Doing?
	20. ¡No se puede decir que lo que es saludable no es delicioso!	20. It Cannot Be Said That Healthy Isn't Delicious!
	21. Prueba 2: Amigos en El Salvador	21. Quiz 2: Friends in El Salvador
	22. Prueba alterna - Versión A: Amigos en El Salvador*	22. Alternate Quiz - Form A: Friends in El Salvador*
	23. Prueba alterna - Versión B: Amigos en El Salvador*	23. Alternate Quiz - Form B: Friends in El Salvador*
	24. Proyecto: Un viaje inolvidable	24. Project: An Unforgettable Trip
	25. Proyecto Especial*	25. Special Project*
	26. Repaso	26. Review
	27. Examen	27. Exam
	28. Examen alterno - Versión A*	28. Alternate Exam - Form A*
	29. Examen alterno - Versión B*	29. Alternate Exam - Form B*
	30. Glosario y créditos	30. Glossary and Credits

Unit 6: Repaso y Examen Semestral		
Spanish I	Assignments	
	1. Repaso	1. Review
	2. Examen	2. Exam
	3. Examen alterno - Versión A*	3. Alternate Exam - Form A*
	4. Examen alterno - Versión B*	4. Alternate Exam - Form B*

Unit 7: Amigos en Puerto Rico		
Assignments		
Spanish I	1. Sophie y Charlie llegan a la capital de Puerto Rico: San Juan	1. Sophie and Charlie Arrive at the Capital of Puerto Rico: San Juan
	2. ¡Buen provecho! de Guavate!	2. Bon Appétit from Guavate!
	3. Proyecto: ¡Vamos a freir los plátanos amarillos!	3. Project: Let's Fry Some Yellow Plantains!
	4. ¡A la orden! Un día de compras en la plaza Las Américas.	4. At Your Service! A Day of Shopping at Plaza Las Americas.
	5. Un clima tropical: El Yunque	5. Tropical Climate: El Yunque
	6. Un festival en la plaza central de Toa Baja	6. A Festival at the Town Square of Toa Baja
	7. El turismo en Piñones	7. Tourism at Piñones
	8. Prueba 1: San Juan y sus alrededores	8. Quiz 1: San Juan and the Metropolitan Area
	9. Prueba alterna - Versión A: San Juan y sus alrededores*	9. Alternate Quiz - Form A: San Juan and the Metropolitan Area*
	10. Prueba alterna - Versión B: San Juan y sus alrededores*	10. Alternate Quiz - Form B: San Juan and the Metropolitan Area*
	11. El festival nacional indígena de Jayuya	11. The National Indigenous Festival of Jayuya
	12. El paisaje de la playa por la costa de la isla	12. The Scenery of the Beach along the Coast of the Island
	13. La vida ponceña	13. Life in Ponce
	14. A parrandear por la isla	14. Let's Celebrate Christmas on the Island
	15. Proyecto: Hagámos conjuntos: Comparemos las casas	15. Project: Let's Make a Venn Diagram: Let's Compare Houses
	16. El territorio de Karst: un paraíso con cavernas	16. The Karst Territory: A Cave Paradise
	17. ¡Vamos a Vieques a acampar!	17. Let's go Camping in Vieques!
	18. Prueba 2: La vida en la isla	18. Quiz 2: Life on the Island
	19. Prueba alterna - Versión A: La vida en la isla*	19. Alternate Quiz - Form A: Life on the Island*
	20. Prueba alterna - Versión B: La vida en la isla*	20. Alternate Quiz - Form B: Life on the Island*
	21. Proyecto: ¡Hagamos un modelo de la casa perfecta!	21. Project: Let's Build a Model of Our Dream House!
	22. Proyecto Especial*	22. Special Project*
	23. Repaso	23. Review
	24. Examen	24. Exam
	25. Examen alterno - Versión A*	25. Alternate Exam - Form A*
	26. Examen alterno - Versión B*	26. Alternate Exam - Form B*
	27. Glosario y créditos	27. Glossary and Credits

Unit 8: Amigos en España		
Spanish I	Assignments	
	1. Carlos y Sofía llegan a Madrid, la capital de España	1. Charlie and Sophie Arrive in Madrid, the Capital of Spain
	2. Proyecto: España y mi país	2. Project: Spain and my Country
	3. ¡Otro día en Madrid!	3. Another Day in Madrid!
	4. Un día en la universidad de Salamanca	4. A Day at the University in Salamanca
	5. Carlos y Sofía llegan a la capital de España: Madrid	5. Charlie and Sophie Arrive in the Capital of Spain, Madrid
	6. La cultura catalana de España	6. Catalanian Culture in Spain
	7. Prueba 1: Los gustos	7. Quiz 1: Likes and Dislikes
	8. Prueba alterna - Versión A: Los gustos*	8. Alternate Quiz - Form A: Likes and Dislikes*
	9. Prueba alterna - Versión B: Los gustos*	9. Alternate Quiz - Form B: Likes and Dislikes*
	10. La cultura gallega en España	10. Galician Culture In Spain
	11. Proyecto: Las comidas que me gustan	11. Project: The Foods That I Like
	12. Un vistazo a España central	12. A View of Central Spain
	13. El paisaje de los moros en Andalucía	13. The Scenery of the Moors in Andalusia
	14. Escapemos a un paraíso en el Mediterráneo	14. Let's Escape To A Paradise in the Mediterranean
	15. Prueba 2: Lo que haría	15. Quiz 2: What I Would Do
	16. Prueba alterna - Versión A: Lo que haría*	16. Alternate Quiz - Form A: What I Would Do*
	17. Prueba alterna - Versión B: Lo que haría*	17. Alternate Quiz - Form B: What I Would Do*
	18. Proyecto: Mi restaurante	18. Project: My Restaurant
	19. Proyecto Especial*	19. Special Project*
	20. Repaso	20. Review
	21. Examen	21. Exam
	22. Examen alterno - Versión A*	22. Alternate Exam - Form A*
	23. Examen alterno - Versión B*	23. Alternate Exam - Form B*
	24. Glosario y créditos	24. Glossary and Credits

Unit 9: Amigos en Cuba		
Assignments		
Spanish I	1. Carlos y Sofía llegan a La Habana	1. Charlie and Sophie Arrive in Havana
	2. ¡A comer en Cuba!	2. Let's Eat in Cuba!
	3. Unas aventuras cubanas	3. Some Cuban Adventures
	4. Proyecto: Una muñeca de papel	4. Project: A Paper Doll
	5. Prueba 1: A conocer la vida cubana	5. Quiz 1: Let's Get to Know Cuban Life
	6. Prueba alterna - Versión A: A conocer la vida cubana*	6. Alternate Quiz - Form A: Let's Get to Know Cuban Life*
	7. Prueba alterna - Versión B: A conocer la vida cubana*	7. Alternate Quiz - Form B: Let's Get to Know Cuban Life*
	8. ¡Me duele la cabeza!	8. I Have a Headache!
	9. El ritmo de África y la melodía de Europa	9. The Rhythm of Africa and the Melody of Europe
	10. Proyecto: Mi raro amigo	10. Project: My Strange Friend
	11. Otra isla cubana	11. Another Cuban Island
	12. Prueba 2: A viajar por Cuba	12. Quiz 2: Let's Travel Through Cuba
	13. Prueba alterna - Versión A: A viajar por Cuba*	13. Alternate Quiz - Form A: Let's Travel Through Cuba*
	14. Prueba alterna - Versión B: A viajar por Cuba*	14. Alternate Quiz - Form B: Let's Travel Through Cuba*
	15. Proyecto: Mi Álbum de recuerdos	15. Project: My Memory Album
	16. Proyecto Especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Exam
	19. Examen alterno - Versión A*	19. Alternate Exam - Form A*
	20. Examen alterno - Versión B*	20. Alternate Exam - Form B*
	21. Glosario y créditos	21. Glossary and Credits

Unit 10: Amigos en la República Dominicana		
Spanish I	Assignments	
	1. Carlos y Sofía llegan a Santo Domingo	1. Charlie and Sophie Arrive in Santo Domingo
	2. Una aventura en Puerto Plata	2. An Adventure in Puerto Plata
	3. Proyecto: ¡A conversar!	3. Project: Let's Have a Conversation!
	4. Carlos y Sofía suben a una montaña	4. Charlie and Sophie Climb a Mountain
	5. Prueba 1: A prepararse para la aventura	5. Quiz 1: Getting Ready for the Adventure
	6. Prueba alterna - Versión A: A prepararse para la Aventura*	6. Alternate Quiz - Form A: Getting Ready for the Adventure*
	7. Prueba alterna - Versión B: A prepararse para la Aventura*	7. Alternate Quiz - Form B: Getting Ready for the Adventure*
	8. Sofía descubre larimar en Santiago	8. Sophie Discovers Larimar in Santiago
	9. Carlos y Sofía conocen las ballenas de la República Dominicana	9. Charlie and Sophie Meet the Whales of the Dominican Republic
	10. Carlos y Sofía están trabajando cuando llega un desastre	10. Charlie and Sophie Are Working When a Disaster Arrives
	11. Proyecto: ¡A cocinar arroz con leche!	11. Project: Let's Make Rice Pudding!
	12. Prueba 2: ¡En busca de buenos precios!	12. Quiz 2: In Search of Good Prices!
	13. Prueba alterna - Versión A: ¡En busca de Buenos precios!*	13. Alternate Quiz Form A: In Search of Good Prices!*
	14. Prueba alterna - Versión B: ¡En busca de Buenos precios!*	14. Alternate Quiz Form B: In Search of Good Prices!*
	15. Proyecto: Mi álbum de recuerdos	15. Project: My Memory Album
	16. Proyecto Especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Exam
	19. Examen alterno - Versión A*	19. Alternate Exam - Form A*
	20. Examen alterno - Versión B*	20. Alternate Exam - Form B*
	21. Glosario y créditos	21. Glossary and Credits

Unit 11: Amigos en Panamá		
Spanish I	Assignments	
	1. Carlos y Sofía llegan a la capital de Panamá	1. Charlie and Sophie Arrive in the Capital of Panama
	2. Carlos y Sofía piden direcciones	2. Charlie and Sophie Ask for Directions
	3. Proyecto: A explorar la ciudad	3. Project: Let's Explore the City
	4. Prueba 1: A conocer la capital de Panamá	4. Quiz 1: Let's Get To Know the Capital of Panama
	5. Prueba alterna - Versión A: A conocer la capital de Panamá*	5. Alternate Quiz - Form A: Let's Get To Know the Capital of Panama*
	6. Prueba alterna - Versión B: A conocer la capital de Panamá*	6. Alternate Quiz - Form B: Let's Get To Know the Capital of Panama*
	7. Carlos y Sofía viajan por El Canal de Panamá	7. Charlie and Sophie Travel the Panama Canal
	8. Carlos y Sofía recuerdan sus viajes	8. Charlie and Sophie Remember their Travels
	9. Carlos y Sofía recuerdan las aventuras de todo el año	9. Charlie and Sophie Remember their Adventures throughout the Year
	10. Proyecto: La presentación de diapositivas de mis recuerdos inolvidables	10. Project: My Slide Show of Unforgettable Memories
	11. Prueba 2: A viajar por Panamá	11. Quiz 2: Let's Travel Panama
	12. Prueba alterna - Versión A: A viajar por Panamá*	12. Alternate Quiz - Form A: Let's Travel Panama*
	13. Prueba alterna - Versión B: A viajar por Panamá*	13. Alternate Quiz - Form B: Let's Travel Panama*
	14. Proyecto Especial*	14. Special Project*
	15. Repaso	15. Review
	16. Examen	16. Exam
	17. Examen alterno - Versión A*	17. Alternate Exam - Form A*
	18. Examen alterno - Versión B*	18. Alternate Exam - Form B*
	19. Glosario y créditos	19. Glossary and Credits

Unit 12: Repaso y Examen Semestral		
Spanish I	Assignments	
	1. Repaso	1. Review
	2. Examen	2. Exam
	3. Examen alterno - Versión A*	3. Alternate Exam - Form A*
	4. Examen alterno - Versión B*	4. Alternate Exam - Form B*

Spanish II

Spanish II is a high school foreign language course that builds upon skills and concepts taught in *Spanish I*, emphasizing communication, cultures, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, and in cultural competency.

Upon completion of the course, students should be able to do the following:

- Use Spanish in everyday situations in both oral and written communication.
- Use vocabulary necessary to live in a Spanish-speaking country.
- Demonstrate an understanding of Hispanic countries.
- Listen to and understand passages in Spanish related to various themes.
- Read and understand passages in Spanish related to themes.
- Compare and contrast cultural aspects of Hispanic countries and the United States.

This course gives students practice using the mechanics of the Spanish language, acquaints them with the cultural differences of Hispanic countries, and helps them gain a keen awareness of their own culture.

Unit 1: Amigos en el Mundo		
Spanish II	Assignments	
	1. Course Overview	1. Course Overview
	2. Introducción al mundo hispanohablante	2. Introduction to the Spanish Speaking World
	3. El español en los EE.UU.	3. Spanish in the U.S.
	4. ¿Por qué hablamos tanto el español?	4. Why Do We Speak Spanish So Much?
	5. Del viejo mundo al nuevo mundo	5. From the Old World to the New World
	6. Prueba 1: Me gusta el español	6. Quiz 1: I like Spanish
	7. Prueba alterna - Versión A: Me gusta el español*	7. Alternate Quiz - Form A: I like Spanish*
	8. Prueba alterna - Versión B: Me gusta el español*	8. Alternate Quiz - Form B: I like Spanish*
	9. Del nuevo mundo al viejo mundo	9. From the New World to the Old World
	10. ¿Qué haces todos los días?	10. What Do You Do Every Day?
	11. Prueba 2: La rutina diaria	11. Quiz 2: Daily Routine
	12. Prueba alterna - Versión A: La rutina diaria*	12. Alternate Quiz - Form A: Daily Routine*
	13. Prueba alterna - Versión B: La rutina diaria*	13. Alternate Quiz - Form B: Daily Routine*
	14. ¡Cosas que hacer y lugares adónde viajar!	14. Things to Do and Places to Go!
	15. ¡Ágape!	15. Potluck
	16. Ser o no ser	16. To Be or Not to Be
	17. Una despedida cariñosa	17. A Fond Farewell
	18. ¿Cómo es tu rutina diaria?	18. Project: How Is Your Daily Routine?
	19. Prueba 3: En casa y de paseo	19. Quiz 2: At Home and Out and About
	20. Prueba alterna - Versión A: En casa y de paseo*	20. Alternate Quiz - Form A: At Home and Out and About*
	21. Prueba alterna - Versión B: En casa y de paseo*	21. Alternate Quiz - Form B: At Home and Out and About*
	22. Proyecto especial*	22. Special Project*
	23. Repaso	23. Review
	24. Examen	24. Exam
	25. Examen alterno - Versión A*	25. Alternate Exam - Form A*
	26. Examen alterno - Versión B*	26. Alternate Exam - Form B*
	27. Glosario y créditos	27. Glossary and Credits

Unit 2: Amigos en Chile		
Assignments		
Spanish II	1. El programa de intercambio 'Vive y aprende'	1. The 'Live and Learn' Exchange Program
	2. Una lección de geografía	2. A Geography Lesson
	3. Una excursión educativa	3. An Educational Field Trip
	4. Prueba 1: Me gusta estudiar en Chile	4. Quiz 1: I Love Studying in Chile
	5. Prueba alterna - Versión A: Me gusta estudiar en Chile*	5. Alternate Quiz - Form A: I Love Studying in Chile*
	6. Prueba alterna - Versión B: Me gusta estudiar en Chile*	6. Alternate Quiz - Form B: I Love Studying in Chile*
	7. El primer día de clases	7. The First Day of Classes
	8. La clase de deportes	8. P.E. Class
	9. La clase de literatura	9. Literature Class
	10. Prueba 2: Personajes chilenos	10. Quiz 2: Chilean Personalities
	11. Prueba alterna - Versión A: Personajes chilenos	11. Alternate Quiz - Form A: Chilean Personalities*
	12. Prueba alterna - Versión B: Personajes chilenos	12. Alternate Quiz - Form B: Chilean Personalities*
	13. ¡Aprender otro idioma es difícil!	13. Learning another language is hard!
	14. ¡Ser maestro es difícil!	14. Being a teacher is hard!
	15. La naturaleza es una buena maestra	15. Nature Is a Good Teacher
	16. Proyecto: La escuela ideal	16. Project: The Ideal School
	17. Prueba 3: Chile: Fin del Cono Sur	17. Quiz 3: Chile: The Southern Cone's End
	18. Prueba alterna - Versión A: Chile: Fin del Cono Sur*	18. Alternate Quiz - Form A: Chile: The Southern Cone's End*
	19. Prueba alterna - Versión B: Chile: Fin del Cono Sur*	19. Alternate Quiz - Form B: Chile: The Southern Cone's End*
	20. Proyecto especial*	20. Special Project*
	21. Repaso	21. Review
	22. Examen	22. Exam
	23. Examen alterno - Versión A*	23. Alternate Exam - Form A*
	24. Examen alterno - Versión B*	24. Alternate Exam - Form B*
	25. Glosario y créditos	25. Glossary and Credits

Unit 3: Amigos en Venezuela		
Spanish II	Assignments	
	1. La tierra de gracia	1. Land of Grace
	2. Caracas: El hogar de Simón Bolívar	2. Caracas: Home of Simon Bolivar
	3. Una lección de geografía	3. A Geography Lesson
	4. Prueba 1: Estamos en Venezuela	4. Quiz 1: We are in Venezuela
	5. Prueba alterna - Versión A: Estamos en Venezuela*	5. Alternate Quiz - Form A: We are in Venezuela*
	6. Prueba alterna - Versión B: Estamos en Venezuela*	6. Alternate Quiz - Form B: We are in Venezuela*
	7. Los venezolanos: Un crisol de la raza humana	7. Venezuelans: A Melting Pot of Humanity
	8. Buen porte y buenos modales abren puertas principales	8. Etiquette is the Key to Success
	9. Venezuela: Valores y tradiciones	9. Venezuela: Values and Traditions
	10. Prueba 2: La Feria Internacional de Artesanos de Venezuela	10. Quiz 2: The International Craft Fair in Venezuela
	11. Prueba alterna - Versión A: La Feria Internacional de Artesanos de Venezuela*	11. Alternate Quiz - Form A: The International Craft Fair in Venezuela*
	12. Prueba alterna - Versión B: La Feria Internacional de Artesanos de Venezuela*	12. Alternate Quiz - Form B: The International Craft Fair in Venezuela*
	13. ¡Disfrutemos al aire libre en la isla Margarita!	13. Let's enjoy the Outdoors on Margarita Island!
	14. Proyecto especial de un folleto turístico	14. Project: A Tourist Pamphlet
	15. La música y el baile	15. Music and Dance
	16. La gastronomía venezolana	16. Venezuelan Cuisine
	17. ¡A jugar béisbol!	17. Play Ball!
	18. Prueba 3: Lo tuyo es mío y lo mío es tuyo	18. Quiz 3: What is yours is mine and what is mine is yours
	19. Prueba alterna - Versión A: Lo tuyo es mío y lo mío es tuyo*	19. Alternate Quiz - Form A: What is yours is mine and what is mine is yours*
	20. Prueba alterna - Versión B: Lo tuyo es mío y lo mío es tuyo*	20. Alternate Quiz - Form B: What is yours is mine and what is mine is yours*
	21. Proyecto especial*	21. Special Project*
	22. Repaso	22. Review
	23. Examen	23. Exam
	24. Examen alterno - Versión A*	24. Alternate Exam - Form A*
	25. Examen alterno - Versión B*	25. Alternate Exam - Form B*
	26. Glosario y créditos	26. Glossary and Credits

Unit 4: Amigos en Perú		
Spanish II	Assignments	
	1. Próximo destino: Perú	1. Next Stop: Peru
	2. Me encanta el Perú	2. I love Peru
	3. Cusco: La capital antigua de los incas	3. Cusco: The Ancient Capital of Incas
	4. ¡Machu Picchu es una maravilla!	4. Macchu Picchu is a Wonder!
	5. Prueba 1: Amo el Perú	5. Quiz 1: I love Peru
	6. Prueba alterna - Versión A: Amo el Perú*	6. Alternate Quiz - Form A: I love Peru*
	7. Prueba alterna - Versión B: Amo el Perú*	7. Alternate Quiz - Form B: I love Peru*
	8. Puno y Lago Titicaca	8. Puno and Lake Titicaca
	9. El choque cultural	9. Culture Shock
	10. Proyecto: La importancia del patrimonio cultural	10. Project: The Importance of Cultural Heritage
	11. La selva amazónica y Puerto Maldonado	11. The Amazon Rainforest and Puerto Maldonado
	12. Perdido en la traducción	12. Lost in the Translation
	13. Prueba 2: Las zonas del Perú	13. Quiz 2: Peru's Areas
	14. Prueba alterna - Versión A: Las zonas del Perú*	14. Alternate Quiz - Form A: Peru's Areas*
	15. Prueba alterna - Versión B: Las zonas del Perú*	15. Alternate Quiz - Form B: Peru's Areas*
	16. Proyecto especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Exam
	19. Examen alterno - Versión A*	19. Alternate Exam - Form A*
	20. Examen alterno - Versión B*	20. Alternate Exam - Form B*
	21. Glosario y créditos	21. Glossary and Credits

Unit 5: Amigos en Colombia		
Spanish II	Assignments	
	1. La arqueología: Una carrera ideal para Sofía	1. Archeology: An Ideal Career for Sophie
	2. Carlos: 'Yo quiero ser arquitecto'	2. Charlie: I Want to Be an Architect
	3. ¿Un trabajo o una carrera?	3. A Job Versus a Career
	4. Las profesiones y los oficios	4. Professions and Trades
	5. Prueba 1: ¿Una carrera o un trabajo?	5. Quiz 1: A Career or a Job?
	6. Prueba alterna - Versión A: ¿Una carrera o un trabajo?*	6. Alternate Quiz - Form A: A Career or a Job?*
	7. Prueba alterna - Versión B: ¿Una carrera o un trabajo?*	7. Alternate Quiz - Form B: A Career or a Job?*
	8. Un viaje a Cartagena	8. A Trip to Cartagena
	9. La influencia española en Colombia	9. Spanish Influence in Colombia
	10. Proyecto: La exploración de carreras	10. Project: Career Exploration
	11. Prueba 2: Profesiones	11. Quiz 2: Professions
	12. Prueba alterna - Versión A: Profesiones*	12. Alternate Quiz - Form A: Professions*
	13. Prueba alterna - Versión B: Profesiones*	13. Alternate Quiz - Form B: Professions*
	14. El mesero distraído	14. The Absent-minded Waiter
	15. Carlos llena una solicitud de empleo	15. Charlie Fills Out a Job Application
	16. Proyecto: Una tableau vivant o pintura viviente	16. Project: A Tableau Vivant or Living Picture
	17. La entrevista de empleo	17. The Job Interview
	18. Prueba 3: La feria de las flores	18. Quiz 3: The Flower Fair
	19. Prueba alterna - Versión A: La feria de las flores*	19. Alternate Quiz - Form A: The Flower Fair*
	20. Prueba alterna - Versión B: La feria de las flores*	20. Alternate Quiz - Form B: The Flower Fair*
	21. Proyecto especial*	21. Special Project*
	22. Repaso	22. Review
	23. Examen	23. Exam
	24. Examen alterno - Versión A*	24. Alternate Exam - Form A*
	25. Examen alterno - Versión B*	25. Alternate Exam - Form B*
	26. Glosario y créditos	26. Glossary and Credits

Unit 6: Repaso y Examen Semestral		
Spanish II	Assignments	
	1. Repaso	1. Review
	2. Examen	2. Exam
	3. Examen alterno - Versión A*	3. Alternate Exam - Form A*
	4. Examen alterno - Versión B*	4. Alternate Exam - Form B*

Unit 7: Amigos en Guatemala		
Assignments		
Spanish II	1. Un viaje en camioneta	1. A Truck Ride
	2. ¡A aplanar calles en Antigua!	2. Wandering the Streets of Antigua!
	3. ¡Toqué una tortuga!	3. I Touched a Turtle!
	4. Tantos murieron...	4. So Many Died ...
	5. Prueba 1: ¡Guatemala es lo máximo!	5. Quiz 1: Guatemala is the best!
	6. Prueba alterna - Versión A: ¡Guatemala es lo máximo!*	6. Alternate Quiz - Form A: Guatemala is the best!*
	7. Prueba alterna - Versión B: ¡Guatemala es lo máximo!*	7. Alternate Quiz - Form B: Guatemala is the best!*
	8. Un recorrido por Tikal	8. A Tour of Tikal
	9. Un guardabosques hablador	9. A Talkative Ranger
	10. Estuvimos en Chichicastenango	10. We were in Chichicastenango
	11. Proyecto: Mi diario imaginario	11. Project: My Imaginary Diary
	12. Prueba 2: Tikal, Chichicastenango y el volcán Pacaya	12. Quiz 2: Tikal, Chichicastenango and the Pacaya Volcano
	13. Prueba alterna - Versión A: Tikal, Chichicastenango y el volcán Pacaya*	13. Alternate Quiz - Form A: Tikal, Chichicastenango and the Pacaya Volcano*
	14. Prueba alterna - Versión B: Tikal, Chichicastenango y el volcán Pacaya*	14. Alternate Quiz - Form B: Tikal, Chichicastenango and the Pacaya Volcano*
	15. ¿Y eso se come?	15. And You Eat That?
	16. Se dice que...	16. It is Said that ...
	17. Proyecto: Mi receta secreta	17. Project: My Secret Recipe
	18. Prueba 3: ¡Hasta luego Guatemala!	18. Quiz 3: Bye, Guatemala!
	19. Prueba alterna - Versión A: ¡Hasta luego Guatemala!*	19. Alternate Quiz - Form A: Bye, Guatemala!*
	20. Prueba alterna - Versión B: ¡Hasta luego Guatemala!*	20. Alternate Quiz - Form B: Bye, Guatemala!*
	21. Proyecto especial*	21. Special Project*
	22. Repaso	22. Review
	23. Examen	23. Exam
	24. Examen alterno - Versión A*	24. Alternate Exam - Form A*
	25. Examen alterno - Versión B*	25. Alternate Exam - Form B*
	26. Glosario y créditos	26. Glossary and Credits

Unit 8: Amigos en Bolivia y Ecuador		
Assignments		
Spanish II	1. Las dos ciudades capitales	1. The Two Capital Cities
	2. Andábamos por Tiahuanacu y el lago Titicaca	2. We Were Walking Through Tiahuanacu and Lake Titicaca
	3. ¿Querías sal para esa comida?	3. Did You Want Salt for that Meal?
	4. Íbamos a Cochabamba cuando yo era niña...	4. We Would Go To Cochabamba When I Was Little...
	5. El camino inca	5. Inca Trail
	6. Proyecto: Mi árbol de conversación	6. Project: My Conversation Tree
	7. Prueba 1: De Capítulo Uno	7. Quiz 1: From Chapter One
	8. Prueba alterna - Versión A: De Capítulo Uno*	8. Alternate Quiz - Form A: From Chapter One*
	9. Prueba alterna - Versión B: De Capítulo Uno*	9. Alternate Quiz - Form B: From Chapter One*
	10. ¿Conoces Guayaquil? ¿Qué sabes de ella?	10. Have You Been to Guayaquil? What Do You Know About It?
	11. Conocimos mucho sobre Quito	11. We Learned a lot about Quito
	12. ¡A conocer la región de la amazonía!	12. To know the region of the Amazon!
	13. Las islas Galápagos	13. The Galapagos Islands
	14. Proyecto: Una composición sobre mi niñez	14. Project: A Composition About My Childhood
	15. Prueba 2: De Capítulo Dos	15. Quiz 2: From Chapter Two
	16. Prueba alterna - Versión A: De Capítulo Dos*	16. Alternate Quiz - Form A: From Chapter Two*
	17. Prueba alterna - Versión B: De Capítulo Dos*	17. Alternate Quiz - Form B: From Chapter Two*
	18. Proyecto Especial*	18. Special Project*
	19. Repaso	19. Review
	20. Examen	20. Test
	21. Examen alterno - Versión A*	21. Alternate Test - Form A*
	22. Examen alterno - Versión B*	22. Alternate Exam - Form B*
	23. Glosario y créditos	23. Glossary and Credits

Unit 9: Amigos en Costa Rica		
Spanish II	Assignments	
	1. ¡Pura vida! en San José Costa Rica.	1. Things Are Great In San José, Costa Rica!
	2. ¡A hablar del pasado!	2. Let's Talk about the Past!
	3. La hospitalidad de los ticos de Parismina	3. The Hospitality of the Costa Ricans of Parismina
	4. La vida en la selva costarricense	4. Life in the Costa Rican jungle
	5. Un sismo de 6,2° en la escala de Richter, ¡qué desastre!	5. An Earthquake Measuring 6.2 ° on the Richter Scale, What a Mess!
	6. Una mina de oro para los turistas.	6. A Gold Mine for Tourists.
	7. El turismo astronómico: ¡la vista de estrellas más hermosa del mundo!	7. Astronomy for Tourists: The Most Beautiful View of the Stars in the World!
	8. Prueba 1: ¡Pura vida Costa Rica!	8. Quiz 1: Costa Rica, It's All Good!
	9. Prueba alterna - Version A: ¡Pura vida Costa Rica!*	9. Alternate Quiz - Form A - Costa Rica, It's All Good!*
	10. Prueba alterna - Version B: ¡Pura vida Costa Rica!*	10. Alternate Quiz - Form B - Costa Rica, It's All Good!*
	11. La tecnología detrás de las industrias de Costa Rica	11. The Technology behind the Industries of Costa Rica
	12. Carlos y Sofía visitan el Caribe en Costa Rica	12. Charlie and Sophie Visit the Caribbean in Costa Rica
	13. Compañías multinacionales en Costa Rica	13. Multinational Companies in Costa Rica
	14. El instituto de tecnología	14. The Institute of Technology
	15. Una visita a la Amistad	15. A Visit to La Amistad
	16. Proyecto: Un gran recuerdo	16. Project: A Great Memory
	17. Prueba 2: Costa Rica en el pasado	17. Quiz 2 - Costa Rica in the Past
	18. Prueba alterna - Version A: Costa Rica en el pasado*	18. Alternate Quiz - Form A - Costa Rica in the Past*
	19. Prueba alterna - Version B: Costa Rica en el pasado*	19. Alternate Quiz - Form B - Costa Rica in the Past*
	20. Proyecto especial*	20. Special Project*
	21. Repaso	21. Review
	22. Examen	22. Test
	23. Examen alterno - Versión A*	23. Alternate Test - Form A*
	24. Examen alterno - Versión B*	24. Alternate Test - Form B*
	25. Glosario y créditos	25. Glossary and Credits

Unit 10: Amigos en Paraguay y Uruguay		
Spanish II	Assignments	
	1. Carlos y Sofía toman una clase de historia	1. Charlie and Sophie Take a History Class
	2. Carlos y Sofía juegan a buscar	2. Charlie and Sophie Go on a Scavenger Hunt
	3. Guten tag de Filadelfia, en Paraguay	3. "Guten Tag" from Philadelphia in Paraguay
	4. Bienvenidos al oriente de Paraguay	4. Welcome to Eastern Paraguay
	5. Proyecto: Cómo hacer lo que hago yo	5. Project: How to Do what I Do
	6. Prueba 1: Amigos en Paraguay	6. Quiz 1 – Friends in Paraguay
	7. Prueba alterna - Versión A: Amigos en Paraguay*	7. Alternate Quiz - Form A - Friends in Paraguay*
	8. Prueba alterna - Versión B: Amigos en Paraguay*	8. Alternate Quiz - Form B - Friends in Paraguay*
	9. Carlos y Sofía llegan a Montevideo	9. Charlie and Sophie Arrive at Montevideo
	10. Los pueblos del río Uruguay	10. The River Towns of Uruguay
	11. Carlos y Sofía exploran la frontera	11. Charlie and Sophie Explore the Border
	12. Carlos y Sofía conocen a un gaucho	12. Charlie and Sophie Meet a Gaucho
	13. Prueba 2: Amigos en Uruguay	13. Quiz 2 - Friends in Uruguay
	14. Prueba alterna - Versión A: Amigos en Uruguay*	14. Alternate Quiz - Form A - Friends in Uruguay*
	15. Prueba alterna - Versión B: Amigos en Uruguay*	15. Alternate Quiz - Form B - Friends in Uruguay*
	16. Proyecto especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Test
	19. Examen alterno - Versión A*	19. Alternate Test – Form A*
	20. Examen alterno - Versión B*	20. Alternate Test – Form B*
	21. Glosario y créditos	21. Glossary and Credits

Unit 11: Amigos en Nicaragua		
Spanish II	Assignments	
	1. ¡Conozcamos al doctor!	1. Let's Meet the Doctor!
	2. El agua de Nicaragua, ¡ojalá que mejore!	2. The Water of Nicaragua, Hopefully It Improves!
	3. Proyecto: La falta de agua potable en Nicaragua y algunos problemas de salud	3. Project: The Lack of Drinkable Water in Nicaragua and Related Health Problems
	4. ¡Me duele la cabeza!	4. I Have a Headache!
	5. Prueba 1: ¡No me siento bien!	5. Quiz 1: I Don't Feel Well!
	6. Prueba alterna - Versión A: ¡No me siento bien!*	6. Alternate Quiz - Form A: I Don't Feel Well!*
	7. Prueba alterna - Versión B: ¡No me siento bien!*	7. Alternate Quiz - Form B: I Don't Feel Well!*
	8. Carlos y Sofía se preparan para despedirse de Latino América	8. Charlie and Sophie Get Ready to Say Goodbye to Latin America
	9. Mamá y papá, ¡quiero que me compren un carro!	9. Mom and Dad, I Want You to Buy Me a Car!
	10. Proyecto: ¡Que te mantengas sano!	10. Project: May You Stay Healthy
	11. Amigos en Latino América	11. Friends in Latin America
	12. Proyecto: Mis consejos a los demás	12. Project: My Advice to Others
	13. Prueba 2: ¡Quiero que viajes bien y que comas comida buena!	13. Quiz 3 : I Hope That Your Travels Go Well and That You Eat Good Food!
	14. Prueba alterna - Versión A: ¡Quiero que viajes bien y que comas comida buena!*	14. Alternate Quiz - Form A : I Hope That Your Travels Go Well and That You Eat Good Food!*
	15. Prueba alterna - Versión B: ¡Quiero que viajes bien y que comas comida buena!*	15. Alternate Quiz - Form B : I Hope That Your Travels Go Well and That You Eat Good Food!*
	16. Proyecto especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Test
	19. Examen alterno - Versión A*	19. Alternate Test – Form A*
	20. Examen alterno - Versión B*	20. Alternate Test – Form B*
	21. Glosario y créditos	21. Glossary and Credits
Unit 12: Repaso y Examen Semestral		
Spanish II	Assignments	
	1. Repaso	1. Review
	2. Examen	2. Exam
	3. Examen alterno - Versión A*	3. Alternate Exam – Form A*
	4. Examen alterno - Versión B*	4. Alternate Exam – Form B*

Spanish III

Spanish III is a high school foreign language course that builds upon skills and concepts taught in Spanish II, emphasizing communication, cultures, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, and in cultural competency.

Upon completion of the course, students should be able to do the following:

- Speak Spanish in everyday situations to communicate with other Spanish speakers.
- Write accurately and appropriately in Spanish to communicate with other Spanish speakers.
- Listen to and understand passages in Spanish related to various themes.
- Read and understand passages in Spanish related to various themes.
- Compare and contrast cultural aspects of Hispanic countries.
- Demonstrate an understanding of Hispanic countries and their corresponding cultures.

Unit 1: Somos Hispanos (We Are Hispanic)		
Spanish III	Assignments	
	1. Course Overview	1. Course Overview
	2. Nuestra Lengua	2. Our Language
	3. Legado de España y de otras culturas	3. The Legacy of Spain and Other Cultures
	4. Nuestras tradiciones y celebraciones	4. Our Traditions and Celebrations
	5. Prueba 1	5. Quiz 1
	6. Prueba 1 alterna - Versión A*	6. Quiz 1 Alternate: Form A*
	7. Prueba 1 alterna - Versión B*	7. Quiz 1 Alternate: Form B*
	8. Nuestra historia	8. Our History
	9. Nuestros antepasados	9. Our Ancestors
	10. Nuestra tierra natal	10. Our Land
	11. Proyecto 1: Entrevista de hablantes de otros idiomas	11. Project 1: Interview Speakers of Other Languages
	12. Prueba 2	12. Quiz 2
	13. Prueba 2 alterna - Versión A*	13. Quiz 2 Alternate: Form A*
	14. Prueba 2 alterna - Versión B*	14. Quiz 2 Alternate: Form B*
	15. Nuestros valores	15. Our Values
	16. Nuestra gente	16. Our People
	17. Nuestra presencia en el mundo	17. Our Presence in the World
	18. Proyecto 2: Comparación de la vida en familia	18. Project 2: Comparison of Family Life
	19. Repaso	19. Review
	20. Examen	20. Test
	21. Examen alterno - Versión A*	21. Test - Alternate: Form A*
	22. Examen alterno - Versión B*	22. Test - Alternate: Form B*
	23. Glosario y créditos	23. Glossary and Credits

Unit 2: Día a Día (Day to Day)		
Spanish III	Assignments	
	1. Así somos	1. What We're Like
	2. Así nos divertimos	2. How We Have Fun
	3. Nuestra vida social	3. Our Social Life
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. En el colegio	7. At school
	8. En casa	8. At home
	9. En familia	9. As a Family
	10. Proyecto 1: Una escuela del mundo hispanohablante	10. Project 1: A School in the Spanish-speaking World
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Las relaciones familiares	14. Our Family Relationships
	15. Cómo me pueden ayudar	15. How they Can Help Me
	16. ¡Comuniquémonos!	16. Communicate!
	17. Proyecto 2: Mi red social	17. Project 2: My Social Network
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 3: Noticias, Farándula, y Entretenimiento (News, Showbusiness, and Entertainment)		
Spanish III	Assignments	
	1. Noticias de primera plana	1. Front Page News
	2. El mundo del deporte	2. The World of Sports
	3. El mundo de la política	3. The World of Politics
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. La página social	7. Society Pages
	8. Los clasificados	8. Classifieds
	9. El mundo de la televisión	9. The World of TV
	10. Proyecto 1: Televisión en español	10. Project 1: Television in Spanish
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. El mundo de cine	14. The World of Film
	15. La farándula y el entretenimiento	15. Showbusiness and Entertainment
	16. Pronóstico del clima	16. Weather Forecast
	17. Proyecto 2: Cine en español	17. Project 2: Movies in Spanish
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 4: Tecnología y Comunicación (Technology and Communication)		
Spanish III	Assignments	
	1. De la llamada telefónica al mensaje de texto	1. From Phone Calls to Text Messages
	2. Lenguaje cibernético en español	2. Cyber Language in Spanish
	3. Foros de información en español	3. Informational Forums in Spanish
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. Aprendizaje y trabajo a distancia	7. Remote Learning and Working
	8. Muchas carreras para elegir	8. The Best Careers
	9. Los mejores trabajos	9. The Best Jobs
	10. Proyecto 1: En busca de trabajo	10. Project 1: Looking for Work
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Desafíos de la tecnología	14. Challenges Posed by Technology
	15. Robots en la actualidad y en el futuro	15. Robots Now and in the Future
	16. Entretenimiento virtual	16. Virtual Entertainment
	17. Proyecto 2: ¿Cómo usan la tecnología?	17. Project 2: How Do You Use Technology?
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 5: A Nuestro Alrededor (All Around Us)		
Spanish III	Assignments	
	1. Ciudades espectaculares	1. Spectacular Cities
	2. Lo mejor de la vida en la ciudad	2. The Best of City Life
	3. Parques y recreación	3. Parks and Recreation
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. ¿Adónde vas de compras?	7. Where do you go shopping?
	8. Grandes eventos deportivos y populares	8. Major Sporting Events and Other Popular Events
	9. ¿Por qué no vamos en metro?	9. Why Don't We Take the Subway?
	10. Proyecto 1: Problemas de tráfico	10. Project 1: Traffic Problems
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. La cultura campesina	14. Rural Culture
	15. Del pueblo a la ciudad	15. From the Country to the City
	16. La sobrepoblación	16. Overpopulation
	17. Proyecto 2: ¿Dónde les gusta vivir?	17. Project 2: Where do you like to live?
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 6: Repaso y Examen Semestral (Semester Review and Exam)		
Spanish III	Assignments	
	1. Repaso	1. Review
	2. Examen	2. Test
	3. Examen alternativo - Versión A*	3. Test - Alternative: Form A*
	4. Examen alternativo - Versión B*	4. Test - Alternative: Form B*
Unit 7: De Viaje (Traveling)		
Spanish III	Assignments	
	1. ¿Adónde quieres ir?	1. Where Do You Want to Go?
	2. Paquetes vacacionales	2. Vacation Packages
	3. Un viaje por tierra	3. Traveling by Land
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. Un crucero por el Caribe	7. A Caribbean Cruise
	8. Unos días en la costa mexicana	8. A Few Days on the Mexican Coast
	9. Un viaje de negocios	9. A Business Trip
	10. Proyecto 1: Planes de viaje	10. Project 1: Travel Plans
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Vamos a España	14. Let's Go To Spain
	15. Un viaje por el Cono Sur	15. A Trip to the Southern Cone
	16. El ecoturismo	16. Ecotourism
	17. Proyecto 2: Preferencias turísticas	17. Project 2: Tourist Preferences
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alternativo - Versión A*	20. Test - Alternative: Form A*
	21. Examen alternativo - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 8: La Salud y el Bienestar (Health and Wellbeing)		
Spanish III	Assignments	
	1. ¿Qué haces para mantenerte en forma?	1. What Do You Do To Stay in Shape?
	2. Alimentación y nutrición	2. Food and Nutrition
	3. Dietas étnicas	3. Ethnic Diets
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. Médicos de cabecera	7. Family Doctors
	8. En la sala de emergencias	8. In the Emergency Room
	9. El farmacéuta hispano	9. The Hispanic Pharmacist
	10. Proyecto 1: Recomendaciones saludables	10. Project 1: Healthy Recommendations
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Avances en medicina	14. Advances in Medicine
	15. La medicina alternativa	15. Alternative Medicine
	16. La esperanza de vida	16. Life Expectancy
	17. Proyecto 2: La experiencia del tiempo	17. Project 2: The Experience of Time
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 9: Protejamos Nuestro Planeta (Let's Protect Our Planet)		
Spanish III	Assignments	
	1. La contaminación	1. Pollution
	2. La búsqueda de petróleo	2. The Search for Oil
	3. Las amenazas al medio ambiente	3. Threats to the Environment
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. La caza de animales	7. Hunting
	8. Especies en peligro de extinción	8. Endangered Species
	9. Áreas protegidas	9. Protected Areas
	10. Proyecto 1: Una especie para proteger	10. Project 1: A Species to Protect
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Organizaciones Globales de Conservación	14. Global Conservation Organizations
	15. El reciclaje	15. Recycling
	16. Soluciones	16. Solutions
	17. Proyecto 2: Colabora con el medio ambiente	17. Project 2: Environmental Collaboration
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A	20. Test - Alternative: Form A
	21. Examen alterno - Versión B	21. Test - Alternative: Form B
	22. Glosario y créditos (Glossary and Credits)	22.

Unit 10: Huellas del Pasado (In the Footsteps of the Past)		
Spanish III	Assignments	
	1. La arqueología	1. Archaeology
	2. Animales gigantes	2. Giant Animals
	3. Las momias de Sudamérica	3. The Mummies from South America
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. ¿Signos de otro planeta?	7. Signs from Another Planet?
	8. Marcas del pasado	8. Traces of the Past
	9. Ciudades escondidas	9. Hidden Cities
	10. Proyecto 1: Una zona arqueológica del mundo hispanohablante	10. Project 1: An Archaeological Zone in the Spanish-speaking World
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Construcciones misteriosas	14. Mysterious Constructions
	15. El legado escrito	15. The Written Legacy
	16. Música natural	16. The Music of Nature
	17. Proyecto 2: Las culturas indígenas	17. Project 2: Indigenous Cultures
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 11: La Conciencia Social (Social Consciousness)		
Spanish III	Assignments	
	1. Elecciones	1. Elections
	2. Formas de gobierno	2. Types of Government
	3. Derechos y deberes de las personas	3. Rights and Duties of Individuals
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. Comercio internacional	7. International Trade
	8. Programas internacionales	8. International Programs
	9. La agricultura comunal	9. Communal Agriculture
	10. Proyecto 1: La conciencia social y el voluntariado	10. Project 1: Social Awareness and Volunteering
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. La emigración	14. Emigration
	15. Las manifestaciones y las protestas	15. Demonstrations and Protests
	16. La juventud hispana	16. Hispanic Youth
	17. Proyecto 2: ¿Es la conciencia social importante?	17. Project 2: Is a Social Conscience Important?
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits
Unit 12: Repaso y Examen Semestral (Semester Review and Exam)		
Spanish III	Assignments	
	1. Repaso	1. Review
	2. Examen	2. Test
	3. Examen alterno - Versión A*	3. Test - Alternative: Form A*
	4. Examen alterno - Versión B*	4. Test - Alternative: Form B*

Trigonometry

Trigonometry is a five-unit elective course for high school students who have successfully completed Algebra I, Geometry, and Algebra II. The materials cover a development of trigonometry from right triangle trigonometry to oblique triangles and the polar plane. Throughout the course, students will develop trigonometric formulas and use them in real-world applications, evaluate trigonometric proofs using complex trigonometric identities and solving trigonometric equations with regard to the unit circle.

The course seeks to help students expand their knowledge and skills so that they may achieve the following goals:

- Use trigonometry as a tool for indirect measurement.
- Model natural phenomenon with trigonometric functions.
- Perform operations with complex numbers using trigonometry.
- Use trigonometric identities to evaluate trigonometric proofs and solve trigonometric equations with regard to the unit circle.
- Solve for unknown sides and angles of right and oblique triangles using right triangle trigonometry, law of sines and law of cosines.

In attaining these goals, students will begin to see the "big picture" of mathematics and understand how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

Unit 1: Right Triangle Trigonometry		
Trigonometry	Assignments	
	1. Course Overview	13. Quiz 3: The Reciprocal Functions and Identities
	2. Lengths of Sides	14. Radian Measure
	3. Angle Measures	15. Reference Angles
	4. Indirect Measure	16. Velocity
	5. Quiz 1: Solving a Right Triangle	17. Quiz 4: Radian Measure
	6. Angles in the Coordinate Plane	18. Project: Parametric Equations
	7. The Unit Circle	19. Special Project*
	8. Trigonometric Values of Special Angles	20. Review
	9. Quiz 2: The Unit Circle and Special Angles	21. Test
	10. Reciprocal Functions	22. Alternate Test*
	11. Points on the Terminal Side	23. Glossary and Credits
	12. Pythagorean Identities	
Unit 2: Graphing and Inverse Functions		
Trigonometry	Assignments	
	1. Graphing and Amplitude	10. Trigonometric Equations: Part II
	2. Project: The Reciprocal Functions	11. Quiz 2: Inverse Trigonometric Functions
	3. Period and Frequency	12. Project: Modeling with Periodic Functions
	4. Vertical and Horizontal Translations	13. Special Project*
	5. Sinusoidal Functions	14. Review
	6. Quiz 1: Graphing	15. Test
	7. Inverse Functions	16. Alternate Test*
	8. Inverse Reciprocal Functions	17. Glossary and Credits
	9. Trigonometric Equations: Part I	

Unit 3: Analytic Trigonometry		
Trigonometry	Assignments	
	1. The Fundamental Trigonometric Identities	10. Converting Between Products and Sums
	2. Proving Identities	11. Quiz 2: More Identities
	3. Cosine Addition Formula	12. Project: Adding Waves
	4. Sine Addition Formula	13. Special Project*
	5. Tangent Addition Formula	14. Review
	6. Quiz 1: Identities and Addition Formulas	15. Test
	7. Double-Angle Formulas	16. Alternate Test*
	8. Project: Solving Equations Graphically	17. Glossary and Credits
	9. Half-Angle Formulas	
Unit 4: Trigonometric Applications		
Trigonometry	Assignments	
	1. Law of Sines	9. Navigation Application
	2. Ambiguity and Area of a Triangle	10. Vector Multiplication
	3. Law of Cosines: Finding a Side	11. Quiz 2: Vectors
	4. Law of Cosines: Finding an Angle	12. Special Project*
	5. Project: Heron's Formula	13. Review
	6. Quiz 1: Trigonometry of Oblique Triangles	14. Test
	7. Introduction to Vectors	15. Alternate Test*
	8. Vector Components	16. Glossary and Credits
Unit 5: Polar Coordinates		
Trigonometry	Assignments	
	1. Introduction to Polar Coordinates	9. Powers and Nth Roots
	2. Polar Equations	10. Project: Fractals
	3. Project: Graphing in the Polar Plane	11. Quiz 2: Complex Numbers
	4. Polar Curves	12. Special Project*
	5. Polar Forms of Conics	13. Review
	6. Quiz 1: Polar Equations	14. Test
	7. Polar Form of Complex Numbers	15. Alternate Test*
	8. Multiply and Divide Complex Numbers	16. Glossary and Credits
Unit 6: Course Review and Exam		
	Assignments	
	1. Review	3. Alternate Exam*
	2. Exam	

Twentieth Century American History

Twentieth Century American History is a history elective for high school students interested in examining American history during a century of change, continuity, and conflicts.

Students will examine America's economic, political, governmental, cultural, and technological growing pains during the twentieth century. They will also consider the causes and effects of national and international cooperation, competition, and conflict.

This course seeks to help students develop social studies skills and expand their knowledge of history so that they may achieve the following goals:

- Understand that the interaction between continuity and change played a huge role in the events in twentieth century American history.
- Realize that change happens through times of conflict and cooperation.
- Develop an increased awareness of how history affects opportunities that are open to future generations.
- Analyze the numerous ways new technologies and innovation transform society and culture.

In attaining these goals, students will develop insight and perspective on the themes and patterns of history and a greater understanding of today's world.

Twentieth Century American History	Unit 1: Coming of Age	
	Assignments	
	1. Course Overview	11. Quiz 2: Immigration and Urbanization
	2. Entering the Industrial Age	12. Women's Roles in Society
	3. Industrialists and Big Business	13. Race Relations and Discrimination
	4. The American Workforce	14. Education and Entertainment
	5. Farmers and Populists	15. Quiz 3: American Society
	6. Quiz 1: The Industrial United States	16. Special Project*
	7. Immigration at the Turn of the Century	17. Review
	8. Corruption and Political Machines	18. Test
	9. Growth of Cities	19. Alternate Test*
	10. Project: Immigrant Experience	20. Glossary and Credits

Twentieth Century American History	Unit 2: Modern America Emerges	
	Assignments	
	1. Progressivism	11. The United States Enters the War
	2. Progressive Reforms	12. Supporting the War Effort
	3. Leaders and Limitations of Progressivism	13. Wilson's Peace Plan
	4. Quiz 1: Progressive Era	14. Quiz 3: World War I
	5. Global Imperialism	15. Special Project*
	6. American Expansionism	16. Review
	7. The United States as a World Power	17. Test
	8. Project: Panama Canal	18. Alternate Test*
	9. Quiz 2: American Imperialism	19. Glossary and Credits
	10. Causes of World War I	20. The United States Enters the War

Twentieth Century American History	Unit 3: Boom to Bust	
	Assignments	
	1. Russian Revolution	12. World Is Depressed
	2. Red Scare	13. Quiz 3: Great Depression
	3. Return to Normalcy	14. A New Deal for Americans
	4. Rise of a Consumer Culture	15. Deal or No Deal
	5. Quiz 1: Postwar Issues	16. Project: New Deal Programs
	6. Prohibition	17. Quiz 4: New Deal
	7. Flappers and Popular Culture	18. Special Project*
	8. Harlem Renaissance	19. Review
	9. Quiz 2: Roaring Twenties	20. Test
	10. Uncle Sam Is Depressed	21. Alternate Test*
	11. Devastation of the Depression	22. Glossary and Credits
Twentieth Century American History	Unit 4: World War II and the Cold War	
	Assignments	
	1. Isolationism and Nationalism	13. Cold War Chills Americans
	2. Moving from Isolationism to War	14. Quiz 3: Cold War
	3. Quiz 1: Path to War	15. Truman Show
	4. Americans Mobilize	16. Eisenhower Years
	5. European Theatre	17. Nifty Fifties
	6. Holocaust	18. Quiz 4: Post-World War II America
	7. Pacific Theatre	19. Special Project*
	8. America's Greatest Generation	20. Review
	9. Quiz 2: Uncle Sam at War	21. Test
	10. Origins of the Cold War	22. Alternate Test*
	11. China and Korea	23. Glossary and Credits
	12. Superpowers Compete for Influence	
Twentieth Century American History	Unit 5: Change, Continuity, and Conflict	
	Assignments	
	1. Challenging Segregation	11. Immigration and Migration
	2. Civil Rights Movement	12. Social and Religious Changes
	3. Era of Activism	13. Women's Movement
	4. Quiz 1: Civil Rights and Social Change	14. Quiz 3: Contemporary America
	5. Trouble in the White House	15. Special Project*
	6. Conservative Revolution	16. Review
	7. Post-Cold War Foreign Policy	17. Test
	8. Project: Comparison Matrix	18. Alternate Test*
	9. Quiz 2: Foreign Policy and Domestic Politics	19. Glossary and Credits
	10. Global Economy	
	Unit 5: Change, Continuity, and Conflict	
	Assignments	
	1. Review	3. Alternate Exam
	2. Exam	

Vietnam Era

What comes to mind when you think about the Vietnam Era? For many, that period represents a difficult time in U.S. history. It is defined by an unpopular war that claimed the lives of 58,000 Americans and some 3 million Vietnamese. In this course, you'll look at the history of the Vietnam War. The roots of the conflict stretch further back than you might know. You'll examine why the United States got involved in the conflict and why the United States failed to achieve its objectives.

The lessons in this course will help you to answer the following questions:

- Where is Vietnam?
- What is the history of United States involvement in Vietnam?
- What factors caused the Vietnam War?
- How did international events such as the Cold War play into the conflict?
- What was happening in the United States during the war?
- What was the outcome of the Vietnam War?
- What can we learn from the Vietnam War?

Also, as you grapple with the material in this course, keep these questions in mind:

- What is worth fighting for?
- Why do people fight wars?
- How is military intervention justified?
- How are foreign policy decisions made?
- How does war affect civilians and soldiers?
- What ideas shape people's view of war?

Your goals for this course include:

- Explain why the United States got involved in Vietnam.
- Identify U.S. objectives regarding Vietnam.
- Describe the United States home front during the Vietnam War.
- Identify the impact of the Vietnam War on soldiers and civilians.
- Identify the outcome of the Vietnam War.
- Explain the impact of the Vietnam War on American foreign policy.

Unit 1: The Origins of U.S. Involvement in Vietnam				
Assignments				
Vietnam Era	1.	Course Overview	11.	Dien Bien Phu
	2.	Vietnam	12.	The Geneva Accords
	3.	Early History	13.	Essay: The U.S. Policy for Vietnam
	4.	French Indochina	14.	Quiz 3: Vietnam and the Cold War
	5.	Quiz 1: Toward French Colonization	15.	Special Project*
	6.	Nationalist Movement	16.	Review
	7.	World War II	17.	Test
	8.	The French Indochina War	18.	Alternate Test*
	9.	Quiz 2: Vietnamese Nationalism	19.	Glossary and Credits
	10.	Falling Dominoes		

Unit 2: From Military Advisors to Combat Troops		
Vietnam Era	Assignments	
	1. Ngo Dinh Diem: The Miracle Man of Asia	11. Introduction to Combat: Chu Lai and Ia Drang
	2. The National Liberation Front	12. Project: The Eisenhower, Kennedy, and Johnson Administrations
	3. The Diem Coup	13. Quiz 3: The U.S. Military Strategy
	4. Quiz 1: Nation-Building in South Vietnam	14. Special Project*
	5. Lyndon B. Johnson	15. Review
	6. The Gulf of Tonkin Incident	16. Test
	7. The Gulf of Tonkin Resolution	17. Alternate Test*
	8. Quiz 2: Aggression on the High Seas	18. Glossary and Credits
	9. The Air War	
	10. The Ground War	
Unit 3: A Nation Divided by War		
Vietnam Era	Assignments	
	1. Vietnamese Soldiers	10. The Governmental Debate
	2. The Ho Chi Minh Trail	11. The Living Room War
	3. Vietcong Tunnels	12. Project: Vietnam Era Songs
	4. Quiz 1: The Vietnamese Effort	13. Quiz 3: American Public Opinion
	5. Tour of Duty	14. Special Project*
	6. Fighting the War	15. Review
	7. Women and the Vietnam War	16. Test
	8. Quiz 2: The American Effort	17. Alternate Test*
	9. The Antiwar Movement	18. Glossary and Credits
Unit 4: Achieving Peace with Honor		
Vietnam Era	Assignments	
	1. The Tet Offensive	10. Secret Diplomacy
	2. LBJ Shocks the Nation	11. The Paris Peace Accords
	3. The 1968 Election	12. Essay: Vietnamization
	4. Quiz 1: A Turning Point in the War	13. Quiz 3: The End of the War
	5. Richard Nixon	14. Special Project*
	6. Vietnamization	15. Review
	7. The Invasion of Cambodia	16. Test
	8. Quiz 2: Nixon and the Vietnam War	17. Alternate Test*
	9. Crisis in Morale and Discipline	18. Glossary and Credits

Vietnam Era	Unit 5: The Legacy of Vietnam	
	Assignments	
	1. Nixon and Watergate	10. U.S.-Vietnamese Relations
	2. Prisoner of War	11. Vietnam Today
	3. The Fall of Saigon	12. Essay: The Vietnam Era
	4. Quiz 1: Aftermath in Asia	13. Quiz 3: Toward Normalization
	5. Vietnam Veterans	14. Special Project*
	6. The Vietnam Veterans Memorial	15. Review
	7. Vietnam Syndrome	16. Test
	8. Quiz 2: Searching for Lessons	17. Alternate Test*
9. Vietnamese in America	18. Glossary and Credits	

Unit 6: Course Review and Exam	
Assignments	
1. Review	3. Alternate Exam*
2. Exam	

Career and Technical Education Series

Career Explorations I

The Career Explorations I course is designed to give seventh- and eighth-grade students an opportunity to explore various CTE subjects. Specifically, students will be able to learn about careers involving human-related services.

Each unit introduces one particular field and explains its past, present, and future. The goal is to whet students' appetites for these careers. Students can then explore that career in more detail as a high school student.

Objectives

- Examine work, lifestyle, and a career.
- Evaluate the history of health care and the impact of science and technology has had on it.
- Explain why travel and tourism is important to our economy.
- Understand how geographic principles relate to traveler decisions.
- Explain the history the human services and how it functions in society.
- Analyze careers in the consumer services industry.

Unit 1: Career Management		
Career Explorations I	Assignments	
	1. Course Overview	14. Project: Basic Employability Skills*
	2. The Purpose of Work	15. Problem Solving
	3. Personal Benefits Of Work	16. Project: Problem Solving*
	4. Wages and Employment Benefits	17. Lifelong Learning and Technology
	5. Project: Time Sheet	18. Career Clusters
	6. Project: Earnings Statement	19. Project: Career Clusters Research Tri-fold Brochure*
	7. Lifestyle Goals	20. Quiz: Elements of Work
	8. Project: Lifestyle Budget	21. Special Project*
	9. Societal Benefits of Work	22. Review
	10. Quiz: What is Work?	23. Test
	11. Basic Work Qualifications	24. Glossary and Credits
	12. Work Environment	
	13. Basic Employability Skills	

Unit 2: Introduction to Careers in Health Sciences		
Career Explorations I	Assignments	
	1. Medicine from Ancient Times Through the Middle Ages	8. Advances in Medical Imaging
	2. Medicine in the Seventeenth and Eighteenth Centuries	9. Innovations in Transplantation
	3. The Rise of Modern Medicine	10. Project: Genetics
	4. Project: Ancient vs. Modern Medical Practices	11. Project: How Technology is Used in Medicine
	5. Project: Different Health Career Possibilities	12. Quiz: Recent Advances in Science and Technology
	6. Quiz: History of Medicine and Medical Discovery	13. Special Project*
	7. Molecular Technology: Gene Chips	14. Test
		15. Glossary and Credits

Unit 3: Introduction to Hospitality and Tourism Systems		
Career Explorations I	Assignments	
	1. Travel Terms	9. The Countries We Visit – Part 2
	2. Segments of the Travel Industry	10. Project: Geographic Basics and Where We Travel
	3. Travel Product Distribution and Why We Travel	11. Project: The Countries We Visit
	4. Project: Travel Terminology	12. Quiz: The Geography of Travel
	5. Project: Segments of the Travel Industry	13. Special Project*
	6. Quiz: The Foundations of Travel	14. Test
	7. Geographic Basics and Where We Travel	15. Glossary and Credits
	8. The Countries We Visit – Part 1	
Unit 4: Introduction to Human Services		
Career Explorations I	Assignments	
	1. Solving Problems vs. Teaching Problem-Solving Skills	8. Policy and Program-Planning Interventions
	2. Types of Populations, Services, and Fulfilling Needs	9. Project: Designing A Human Services Organization
	3. Project: Let's Get Happy and Let's Get Rich	10. Administration
	4. What Human Services Organizations Do	11. Project: Life After High School
	5. Project: Know Your Surroundings	12. Quiz: Providers of Human Services
	6. Quiz: History, Standards, and Overarching Mission	13. Special Project*
	7. Direct Service Interventions	14. Test
		15. Glossary and Credits
Unit 5: Introduction to Consumer Services		
Career Explorations I	Assignments	
	1. What are Consumer Services?	8. Safety Within the Organization
	2. Customer Service and Consumer Advocacy	9. Project: Drafting a Safety Policy
	3. Project: Personal Skills Evaluation	10. External Influences on Consumer Services
	4. Professional Organizations, Certifications, and Resources	11. Project: Interview-based Article on Sustainability
	5. Project: Building a Portfolio	12. Quiz: Organizational Structure
	6. Quiz: Introduction and Basic Competencies	13. Special Project*
	7. Organizational Structures	14. Test
		15. Glossary and Credits
Unit 6: Course Review, Project, and Exam		
	Assignments	
	1. Course Project: Decisions, Decisions*	3. Exam
	2. Review	

Career Explorations II

The Career Explorations II course is designed to give seventh- and eighth-grade students an opportunity to explore various CTE subjects. Specifically, students will be able to learn about careers involving various technical fields from computers to agriculture.

Each unit introduces one particular field and explains its past, present, and future. The goal is to whet students' appetites for these careers. Students can then explore that career in more detail as a high school student.

Objectives

- Identify the basic components of a computer system and its use within a networking/communications environment.
- Discuss the history, development, and use of the Internet and mobile computing technology in business and society.
- Explore systems design and implementation.
- State the purpose of a computer network, and explain the role of network hardware in achieving that purpose.
- Identify the advancement of agriculture to the present day.
- Explain sustainable agriculture and its impact on society.
- Understand the STEM field along with the concepts, theories, practical applications, and STEM careers.

Unit 1: Information Technology		
Career Explorations II	Assignments	
	1. Course Overview	8. Internet in Business and Society
	2. Computer Systems and Networks	9. Human-Centered Technology
	3. Network Ethics and Security	10. Project: Biometrics Report
	4. Project: Benefit Analysis Study: Small Business Expansion	11. Mobile Computing
	5. Information Storage	12. Project: Geocache Treasure Hunt
	6. Project: Correspondence Between Stringer and Newspaper Editor: Media Preview	13. Quiz: Internet in Business and Society
	7. Quiz: Computer Systems and Networks	14. Special Project*
		15. Test
		16. Glossary and Credits

Unit 2: Introduction to Information Support and Services		
Career Explorations II	Assignments	
	1. Supporting the Business Workflow Model	8. Public Clouds
	2. Project: Understanding Software Development Models	9. Project: Moving to the Cloud
	3. Operating Systems, Hardware, and Software Selection	10. Private Clouds
	4. Project: Building a Mind Map	11. Hybrid Clouds
	5. Implementation and End-User Training	12. Project: Companies in the Hybrid Cloud
	6. Project: Preparing a Support Plan	13. Quiz: Cloud-Based Systems
	7. Quiz: On-Premise Systems	14. Special Project*
		15. Test
		16. Glossary and Credits

Unit 3: Introduction to Network Systems		
Career Explorations II	Assignments	
	1. Networking Concepts	9. Project: Slide Show: Networking Layers
	2. Project: Report: Technology Devices	10. Data Encapsulation
	3. Network Devices and Components	11. Project: Slide Show: Data Encapsulation
	4. Network Topologies	12. Quiz: OSI and TCP/IP Networking Models
	5. Project: Hardware Awareness	13. Special Project*
	6. Quiz: Computer Networks	14. Test
	7. The OSI Reference Model	15. Glossary and Credits
	8. The TCP/IP Networking Model	
Unit 4: Introduction to Agriculture, Food, and Natural Resources		
Career Explorations II	Assignments	
	1. People and Agriculture	9. Agriculture and the Economy
	2. Project: People, Agriculture, and Society	10. Project: Research and Learn: Commodities and Exchanges
	3. Advances in Agriculture	11. Food Distribution and Safety
	4. Today's Agricultural Consumer	12. Quiz: Agriculture's Role in Society
	5. Project: Percent Spent	13. Special Project*
	6. Quiz: Overview of Agriculture	14. Test
	7. Sustainable Agriculture	15. Glossary and Credits
	8. Project: Research and Learn: The Power of Poo!	
Unit 5: Introduction to Stem		
Career Explorations II	Assignments	
	1. What is STEM Education?	8. Project: Create a Google Website
	2. The Great Discoverers and Discoveries	9. Get Organized: Mind Maps and Mind Mapping!
	3. Project: Timeline of Great Discoverers and Discoveries in the STEM Field	10. Education and Training in STEM
	4. Identify Careers in Science, Technology, Engineering, and Mathematics	11. Project: Mind Map of Personal STEM Education and Career Plan
	5. Project: Exploring Careers in the STEM Field	12. Quiz: What Lies Ahead?
	6. Quiz: Introduction	13. Special Project*
	7. Get Organized: Outlines and Outliners!	14. Test
		15. Glossary and Credits
Unit 6: Course Project, Review and Final Exam		
	Assignments	
	1. Course Project: And the Results Are...*	3. Exam
	2. Review	

Keyboarding and Applications

Keyboarding and Applications is a semester-long elective that teaches students keyboarding skills, technical skills, effective communication skills, and productive work habits. In this course, students will learn about proper keyboarding technique. Once students have been introduced to keyboarding skill, lessons will include daily practice of those skills. Students will gain an understanding of computer hardware, operating systems, file management, and the Internet. In addition, they will apply their keyboarding skills and create a variety of business documents, including word processing documents and electronic presentations.

Objectives

- Identify various technologies, current and emerging.
- Select the appropriate technology to complete a task.
- Use the computer's operating system to execute work responsibilities.
- Demonstrate proper keyboarding technique.
- Improve speed and accuracy of keyboarding skills.
- Create word-processing documents with columns, graphics, and bulleted lists.
- Create and deliver an effective presentation following presentation guidelines.
- Effectively navigate the Internet and search for information.
- Evaluate a Web site in terms of reliability.
- Demonstrate communication skills for obtaining and conveying information.
- Send and receive information using electronic mail, following appropriate guidelines.

Unit 1: Computer Hardware	
Keyboarding and Applications	Assignments
	1. Course Overview
	2. Hardware and Software
	3. Current Business Technology
	4. Quiz 1: Overview of Hardware and Software
	5. Alternate Quiz 1—Form A: Overview of Hardware and Software *
	6. Alternate Quiz 1—Form B: Overview of Hardware and Software*
	7. Case Studies
	8. Emerging Technology
	9. Project: Defining Technical Terms
	10. Quiz 2: Business Solutions
	11. Alternate Quiz 2—Form A: Business Solutions*
	12. Alternate Quiz 2—Form B: Business Solutions*
	13. Project: Technology in Business
	14. Special Project*
	15. Review
	16. Test
	17. Alternate Test—Form A*
	18. Alternate Test—Form B *
	19. Glossary and Credits

Unit 2: Keyboarding	
Keyboarding and Applications	Assignments
	1. Keyboarding Pretest
	2. Keyboarding Exercises
	3. Number Keypad
	4. Keyboarding Practice
	5. Project: Timed Typing Tests
	6. Special Project*
	7. Review
	8. Test
	9. Alternate Test—Form A*
	10. Alternate Test—Form B*
	11. Glossary and Credits

Keyboarding and Applications	Unit 3: Computer Operating Systems	
	Assignments	
	1. What Is an Operating System?	8. Project: Customize Your Desktop
	2. Getting Started–Exploring the Desktop	9. Special Project*
	3. Using the Interface	10. Review
	4. File Management	11. Test
	5. Quiz 1: Operating Systems and File Management	12. Alternate Test—Form A*
	6. Alternate Quiz 1—Form A: Keyboarding Skills*	13. Alternate Test—Form B*
	7. Alternate Quiz 1—Form B: Keyboarding Skills*	14. Glossary and Credits
	Unit 4: Word Processing	
	Assignments	
	1. Word Processing Basics	10. Newsletters
	2. Writing and Editing a Document	11. Project: Creating a Newsletter
	3. Project: Creating a Memo	12. Quiz 2: Keyboarding Skills
	4. Formatting	13. Alternate Quiz 2—Form A: Keyboarding Skill*
	5. Project: Writing Assignment	14. Alternate Quiz 2—Form B: Keyboarding Skill*
	6. Quiz 1: Introduction to Word Processing	15. Special Project*
	7. Alternate Quiz 1—Form A: Introduction to Word Processing*	16. Review
	8. Alternate Quiz 1—Form B: Introduction to Word Processing*	17. Test
	9. Copying, Cutting, and Pasting	18. Alternate Test—Form A*
		19. Alternate Test—Form B*
		20. Glossary and Credits
Keyboarding and Applications	Unit 5: Presentation Technology	
	Assignments	
	1. What is Presentation Technology?	12. Content
	2. How is Presentation Technology Used?	13. Layout
	3. Quiz 1: An Introduction to Presentation Technology	14. Putting It All Together
	4. Alternate Quiz 1—Form A: An Introduction to Presentation Technology*	15. Quiz 3: Presentation Planning
	5. Alternate Quiz 1—Form B: An Introduction to Presentation Technology*	16. Alternate Quiz 3—Form A: Presentation Planning*
	6. Working with Text	17. Alternate Quiz 3—Form B: Presentation Planning*
	7. Working with Graphics	18. Project: Creating a Presentation
	8. Working with Special Effects	19. Special Project*
	9. Quiz 2: Presentation Guidelines	20. Review
	10. Alternate Quiz 2—Form A: Presentation Guidelines*	21. Test
	11. Alternate Quiz 2—Form B: Presentation Guidelines*	22. Alternate Test—Form A*
		23. Alternate Test—Form B*
		24. Glossary and Credits

Keyboarding and Applications	Unit 6: Internet	
	Assignments	
	1. Internet Browsers	7. Project: The History of the Internet
	2. Internet Strategies	8. Special Project*
	3. Finding Reliable Internet Resources	9. Review
	4. Quiz: Introduction to the Internet	10. Test
	5. Alternate Quiz—Form A: Introduction to the Internet*	11. Alternate Test—Form A*
	6. Alternate Quiz—Form B: Introduction to the Internet*	12. Alternate Test—Form B*
		13. Glossary and Credits

Keyboarding and Applications	Unit 7: Communication Skills	
	Assignments	
	1. Communication Skills	11. Alternate Quiz 2—Form A: Desirable Workplace Skills, Habits, and Attitudes*
	2. Electronic Communication Skills	12. Alternate Quiz 2—Form B: Desirable Workplace Skills, Habits, and Attitudes*
	3. Beyond E-mail	13. Special Project*
	4. Project: Revising E-mail	14. Review
	5. Quiz 1: Overview of Effective Communication Skills	15. Test
	6. Alternate Quiz 1—Form A: Overview of Effective Communication Skills*	16. Alternate Test—Form A *
	7. Alternate Quiz 1—Form B: Overview of Effective Communication Skills*	17. Alternate Test—Form B*
	8. Workplace Skills, Habits, and Attitudes	18. Glossary and Credits
	9. Active Listening	
	10. Quiz 2: Desirable Workplace Skills, Habits, and Attitudes	

	Unit 8: Course Review and Exam	
	Assignments	
	1. Review	3. Alternate Exam—Form A*
	2. Exam	4. Alternate Exam—Form B*

Principles of Coding

Principles of Coding is designed to introduce middle school students to the power of coding. Computer literacy has become just as important as reading and math literacy in the 21st Century. No matter what career students select, learning even the basics of coding and computers will benefit them. Additionally, every year there is a standing demand for 120,000 people who are trained in computer science. Jobs in this industry are growing at more than two times the national average of any other field ¹.

Throughout this course, students are not only introduced to the basics of coding, but delve deeply into the thought processes behind designing technology. Right from the start, students learn the Engineering Design Process and follow this process to create games, simulations, and even a mobile application. Students learn the connection between the core subjects of English Language Arts and Math to Computer Science. Students also examine the impact of technology from a global perspective. The content was written to be highly-engaging for the middle-school audience. Multimedia and interactive elements are built into every lesson to ensure a high-level of student engagement throughout.

Curriculum designed for this course was guided by the standards from the Computer Science Teacher's Association. These nationally recognized standards are designed to "provide the foundation for a complete computer science curriculum and its implementation at the K–12 level." These standards integrate computer science learning with core subjects.

More specifically student will learn the following.

Unit 1 – Computational Thinking. Students are introduced to the course by learning that problems are all around us and that programming can offer many solutions to these problems. Students learn the Engineering Design Process and Creative Problem-Solving Process. Students are also introduced to *Scratch*. This visual coding program will be the basis for the coding work in the first part of the course. Students apply their understanding of algorithms and programming language to build an animated music video in *Scratch*. Students also begin to develop a game using *Scratch* by applying the computational thinking and practices of experimenting and iterating, testing, debugging, reusing and remixing, abstracting, and modularizing.

Unit 2 – Computer Practice and Programming. Students delve deeper into computers as machines. Students will differentiate computers with other kinds of machine systems. Students will also deepen their understanding of code and explain how it aids in analog-to-digital transformations. Students apply this understanding by designing a computing system. Students also analyze the positive and negative impacts of computing on human culture. Learners continue to build in *Scratch*, learning how to create interactive art and graphic effects.

Unit 3 – Data and Information. Students are introduced to computer modeling and simulations. They will begin to identify the kinds of problems that could be solved using modeling and simulations. Simulation games that model physics phenomena are examined to convey the concept that real-world phenomena can be simulated in a computer game or app. Learners will then explore issues related to the concepts of equity, access, and power of technology and the Internet in a global society. A discussion on cybersecurity and digital citizenship follow. Students will apply their learning by creating a game or interactive story by using variable and models within *Scratch*.

Unit 4 – Connecting Math and Computer Science. Math is the "fuel" that runs computers. In this unit, students will explore this idea more deeply. Students build on their understanding of modeling by looking more closely at the types and elements of models. Students are introduced to the important topic of Cyber Ethics, as well as robotics and artificial intelligence. Students will apply their learning by choosing a real-world problem and developing a simulation that attempts to solve the problem *using Scratch*. Students will also discover the basic building block of programming – logic. Mathematical topics of Boolean algebra, binary numbers, logic, sets, and functions are also taught. For the final project in this unit, students will use combinational logic to illustrate how the design of complex binary logic functions make up the components inside a digital device, such as the buzzer on a car, a blender, or a washing machine.

Unit 5 – Mobile Technology and Society. For the final instructional unit of the course, students will be introduced to mobile technology such as mobile computing tablets and smartphones. Learners will also explore the impact of technology on education, the workplace, and society. Students apply their skills by creating a mobile app using App Inventor.

¹ STATISTICS FROM : [HTTPS://CODE.ORG](https://code.org) 2015

Unit 1: Computational Thinking		
Principles of Coding	Assignments	
	1. Course Overview	12. Quiz 2: Parallelization, Multiple Paths, Search/Sort, and Sequences
	2. Introduction to Creative Computing	13. Alternate Quiz 2—Form A: Parallelization, Multiple Paths, Search/Sort, and Sequences*
	3. Introduction to Scratch	14. Alternate Quiz 2—Form B: Parallelization, Multiple Paths, Search/Sort, and Sequences*
	4. Exploring in Scratch	15. Project: Animated Music Video
	5. Project: Debugging 101	16. Broadcast Messages
	6. Quiz 1: Basic Algorithmic Problem Solving and Sequencing	17. Project: Make a Game in Scratch
	7. Alternate Quiz 1—Form A: Basic Algorithmic Problem Solving and Sequencing*	18. Special Project*
	8. Alternate Quiz 1—Form B: Basic Algorithmic Problem Solving and Sequencing*	19. Unit Review
	9. Project: Storytelling Through Dialogue	20. Test
	10. Computational Concepts	21. Alternate Test—Form A*
	11. Animation Concepts	22. Alternate Test—Form B*
		23. Glossary and Credits
Unit 2: Computer Practice and Programming		
Principles of Coding	Assignments	
	1. What is a Computer?	12. Alternate Quiz 2—Form A: Career Connections and Graphic Solutions*
	2. Computers Are Everywhere	13. Alternate Quiz 2—Form B: Career Connections and Graphic Solutions*
	3. Project: Design a Computing Device	14. Project: Customized Design Project
	4. Quiz 1: Computing Devices	15. Special Project*
	5. Alternate Quiz 1—Form A: Computing Devices*	16. Unit Review
	6. Alternate Quiz 1—Form B: Computing Devices*	17. Test
	7. Career Connections	18. Alternate Test—Form A*
	8. Computing: A Double-Edged Sword	19. Alternate Test—Form B*
	9. Interactive Art and Graphic Effects	20. Glossary and Credits
	10. Graphic Design in Scratch	
	11. Quiz 2: Career Connections and Graphic Solutions	

Unit 3: Data and Information

Assignments

- | | | | |
|-----|--|-----|--|
| 1. | Introduction to Computer Modeling and Simulation | 12. | Alternate Quiz 2—Form A: Value, Security, Responsibility, and Citizenship* |
| 2. | Simulation Game Examples | 13. | Alternate Quiz 2—Form B: Value, Security, Responsibility, and Citizenship* |
| 3. | Exploration of Simulation Modeling Games | 14. | Variable Types, Classes, and Models |
| 4. | Quiz 1: Modeling, Simulation, Games | 15. | Game or Interactive Story Using Variables and Models |
| 5. | Alternate Quiz 1—Form A: Modeling, Simulation, Games* | 16. | Project: Group Evaluation / Peer Evaluation |
| 6. | Alternate Quiz 1—Form B: Modeling, Simulation, Games* | 17. | Special Project* |
| 7. | Project: Evaluation of Simulation Modeling Problems | 18. | Unit Review |
| 8. | Global Citizenship | 19. | Test |
| 9. | Project: Value and Security | 20. | Alternate Test—Form A* |
| 10. | Project: Responsible Citizens | 21. | Alternate Test—Form B * |
| 11. | Quiz 2: Value, Security, Responsibility, and Citizenship | 22. | Glossary and Credits |

Unit 4: Connecting Math and Computer Science

Assignments

- | | |
|---|---|
| 1. Computer Model Analysis | 15. Alternate Quiz 2—Form B: Historical Perspectives, Ethics, Human/Machine Differentiation, Abstraction, Interdisciplinary Applications, and Run Analysis* |
| 2. Evaluate Industry Models | 16. Introduction of the Full Network Stack |
| 3. Limitations of Modeling and Simulations | 17. Introduction to Digital Logic Elements |
| 4. Select Computer Model of Real-World Simulation | 18. Boolean Algebra |
| 5. Project: Evaluating Models | 19. Project: Digital Design Project |
| 6. Quiz 1: Representational Accuracy | 20. Quiz 3: Hierarchy and Abstraction, Math/Science Connections, Interdisciplinary Thinking |
| 7. Alternate Quiz 1—Form A: Representational Accuracy* | 21. Alternate Quiz 3—Form A: Hierarchy and Abstraction, Math/Science Connections, Interdisciplinary Thinking* |
| 8. Alternate Quiz 1—Form B: Representational Accuracy* | 22. Alternate Quiz 3—Form B: Hierarchy and Abstraction, Math/Science Connections, Interdisciplinary Thinking* |
| 9. Cyber Ethics | 23. Special Project* |
| 10. The Interconnected Human Race | 24. Unit Review |
| 11. Introduction to Digital Media - Graphics Software - Robotics - Artificial Intelligence | 25. Test |
| 12. Project: Scratch Simulation Project | 26. Alternate Test—Form A* |
| 13. Quiz 2: Historical Perspectives, Ethics, Human/Machine Differentiation, Abstraction, Interdisciplinary Applications, and Run Analysis | 27. Alternate Test—Form B* |
| 14. Alternate Quiz 2—Form A: Historical Perspectives, Ethics, Human/Machine Differentiation, Abstraction, Interdisciplinary Applications, and Run Analysis* | 28. Glossary and Credits |

Unit 5: Mobile Technology and Society		
Principles of Coding	Assignments	
	1. Hardware Design and Function	12. Quiz 2: Elements of Designing, Developing, Publishing, and Presenting Products
	2. Corrective Troubleshooting	13. Alternate Quiz 2—Form A: Elements of Designing, Developing, Publishing, and Presenting Products*
	3. Mobile Devices and Applications	14. Alternate Quiz 2—Form B: Elements of Designing, Developing, Publishing, and Presenting Products*
	4. Mobile Applications in Society	15. Bouncing Ball App Inventor
	5. Technology as a Tool	16. Finger Painting Without the Mess
	6. Quiz 1: Hardware vs Software, Systems, Networks, Tools, and Problem Diagnostics	17. Special Project*
	7. Alternate Quiz 1—Form A: Hardware vs Software, Systems, Networks, Tools, and Problem Diagnostics*	18. Unit Review
	8. Alternate Quiz 1—Form B: Hardware vs Software, Systems, Networks, Tools, and Problem Diagnostics*	19. Test
	9. Project: Open Design	20. Alternate Test—Form A*
	10. Introduction to App Inventor	21. Alternate Test—Form B*
	11. Talk to Me App	22. Glossary and Credits
Unit 6: Review and Exam		
	Assignments	
	1. Course Review	3. Alternate Final Exam – Form A*
	2. Final Exam	4. Alternate Final Exam – Form B*

Introduction to Careers in Arts, A/V Technology and Communications

This introductory course provides comprehensive information on five separate areas of arts and communications as potential educational and career pathways. Students who are interested in careers across a broad spectrum of professional positions, including fine artist, telecommunications administrator, magazine editor, broadcast journalist, or computer graphics artist, will gain useful perspective on industry terminology, technology, work environment, job outlook, and guiding principles.

Each of the five units covers a specific area within its two chapters. Unit 1 focuses on audiovisual (A/V) technology in film, the arts, and businesses such as advertising. Students learn about job opportunities in a variety of settings and the training programs, degrees, and experience they may need to qualify for them. Unit 2 covers the performing arts, including careers both on and offstage. Unit 3 examines the exciting field of visual arts in depth, with discussions of artistic design principles, animation design, the work and training of multimedia artists, and developments in the burgeoning field of special effects and animation in studios worldwide. Unit 4 enters the world of printing technology and print publishing, including digital media. Students study technological evolution and advancements in printing since the invention of paper. A timeline of (predominantly U.S.) journalism gives students a glimpse into magazine editing, digital printing technology, broadcast journalism, and the legal and ethical issues of news reporting today. Finally, in Unit 5, students examine the telecommunications industry and learn more about careers in networking, phone technology, and communications and the training or certification needed for various specific positions.

Objectives

- Analyze the impact of the news media on society.
- Discuss the job responsibilities of various careers within the performing arts.
- Analyze the principles of animation and how and why imagery moves on the screen.
- Describe various A/V technology careers and their job requirements.
- Analyze various careers in printing technology, including educational and training requirements.
- Argue how art history influences modern visual arts.
- Outline the principles of design and assess their influence in all aspects of the visual arts.
- Demonstrate technical skills and the use of various equipment and tools used in audio/video production.
- Demonstrate the importance of mastering software tools used in digital art.
- Describe how art directors differ from fine artists.
- Describe key positions in film production and explain the duties and responsibilities of each position.
- Evaluate the influence of digital technology on the work of visual artists.
- Evaluate the economic outlook of careers in A/V technology and film.
- Examine the career opportunities and requirements in performing arts.
- Examine the educational requirements of various careers in A/V technology in film.
- Examine the interdependent relationship between editorial and technical elements in the news media.
- Explain skills needed to operate equipment and tools used in technical positions.
- Explain the dynamics of art created by collaborative teams compared to that of an individual multimedia artist.
- Explore career pathways in the production and distribution of media.
- Identify careers in fine arts and how to supplement income with artistic skills.
- Summarize the effects of technological advances on the news media and the communications industry.
- Summarize features of transmission lines and network connectivity.

As this course targets students interested in potential careers in the arts, some artistic ability or experience is assumed. However, there are many technical and writing careers presented in this course as well, so the course offers a wealth of information for all students interested in working in arts management, in printing publishing, in news, and in communications fields (such as advertising, marketing, or sales, and in telecommunications).

Most of the careers and professional fields outlined in this course stress the need to understand terminology, the roles of others, and the importance of working as a team. Students need to consider interpersonal skills and should be able to discuss or consider workplace issues, including ethical and legal responsibilities, when working with others. Combining training and work experience during post-secondary education is a winning pathway in many of the careers

evaluated. The course explores viable options and gives students opportunities to research specifics for their own plans.

Students need an aptitude for independent research, creative and critical thinking skills, and the ability to understand technical vocabulary and procedures at a foundational level.

Unit 1: Audio/Video Technology and Film

Assignments

- | | |
|--|---|
| 1. Course Overview | 10. Careers in Film: The Production Phase |
| 2. A/V Technology - Through the Years | 11. Careers in Film: Post-Production |
| 3. Project: A Moment in Film or Audio History | 12. Project: Filmmaking: Then and Now |
| 4. A/V Technology at Work | 13. Quiz 2: Careers in A/V Technology in Film |
| 5. Project: Research Careers in Your Dream Field | 14. Special Project* |
| 6. A/V Technology - Careers and Education | 15. Test |
| 7. Quiz 1: Careers in Audio/Video Technology | 16. Course Project Part 1: A/V Tech and You* |
| 8. Careers in Film: Development and Pre-Production | 17. Glossary and Credits |
| 9. Project: Screenwriting 101 | |

Unit 2: Performing Arts

Assignments

- | | |
|---|--|
| 1. Performing Arts in the Past | 9. Project: Actors' Career Pathways |
| 2. Performing Arts in the Present | 10. Designers: Set, Costume, Lighting and Sound |
| 3. Project: Creative Fundraising Online | 11. Project: Set and Clothing Design Styles: 1970s and Today |
| 4. Overview of Production Managers in the Performing Arts | 12. Quiz 2: Careers in A/V Technology in Film |
| 5. Project: Academic Programs in Production Management | 13. Special Project* |
| 6. Quiz 1: Overview of Performing Arts | 14. Test |
| 7. Playwrights, Screenwriters and Directors | 15. Course Project Part 2: Your Pathway to Performing Arts* |
| 8. Actors, Dancers and Musicians | 16. Glossary and Credits |

Unit 3: Visual Arts

Assignments

- | | |
|---|---|
| 1. Principles of Design and Motion in Visual Arts | 10. Project: The Latest Thing in Digital Art Technology |
| 2. Project: Analyze a Work of Art | 11. Working Alone, in Collaboration, and in Teams |
| 3. The Art Director | 12. Quiz 2: Multimedia and the Emergence of Digital Art |
| 4. Project: And the Art Direction Award Goes to... | 13. Special Project* |
| 5. Being a Fine Artist | 14. Test |
| 6. Quiz 1: Foundations of Visual Arts through Art Direction and Fine Arts | 15. Course Project Part 3: Are You an Artist?* |
| 7. Multimedia Artists in the Workplace | 16. Glossary and Credits |
| 8. Project: Your Dream Job as a Multimedia Artist | |
| 9. Keeping Up with Technology | |

Unit 4: Printing Technology, Journalism, and Broadcasting**Assignments**

- | | |
|---|--|
| 1. Printing Technology Through the Years | 10. Journalism and Broadcast Careers |
| 2. Project: Printing with an Old Technology | 11. Project: Reporter, News Anchor, or Technician? |
| 3. Digital Technology at Work | 12. Quiz 2: Introduction to Journalism and Broadcasting |
| 4. Project: Digital Print Project | 13. Special Project* |
| 5. Printing Technology: Careers and Education | 14. Test |
| 6. Quiz 1: Introduction to Careers in Printing Technology | 15. Course Project Part 4: Your Career in the Printing or News Industry* |
| 7. Journalism in the 20th Century | 16. Glossary and Credits |
| 8. Project: A Major Moment in Journalism | |
| 9. Editing in the Media | |

Unit 5: Telecommunications Systems**Assignments**

- | | |
|--|--|
| 1. Regulations in the Telecommunications Industry | 10. Project: Choose a Work Environment, Find a Job |
| 2. Project: Web Security Now and in the Future | 11. Training and Certification in Telecommunications Careers |
| 3. Telecommunications Timeline from Telephone to Videoconference | 12. Quiz 2: Overview of Careers in Telecommunications |
| 4. Telecommunications Transmission Methods | 13. Special Project* |
| 5. Project: Explain the Cloud to Your Mom | 14. Test |
| 6. Quiz 1: Overview of Telecommunications Systems | 15. Course Project Part 5: Telecommute to Your Dream Job!* |
| 7. The Changing Nature of Telecommunications Technology | 16. Glossary and Credits |
| 8. Project: Future Telecom Trends | |
| 9. Telecommunication Careers | |

Unit 6: Course Project, Review, and Exam**Assignments**

- | | |
|--|-----------|
| 1. Course Project Part 6: Describing Plans for Exhibition or Distribution* | 2. Review |
| | 3. Exam |

A/V Technology and Film Careers

This course discusses careers in audio/visual (AV) technology and film, and provides students with background about the required skills, education, equipment, and technology in this industry. Students will understand the collaborative team effort of many different professionals who make films, videos, audio, and TV programming. The course begins with an introduction to the history and development of AV technology and film, with subsequent units focusing on specific sectors of the industry and the stages for producing film and media. The concluding unit focuses on the finishing stages for exhibition, distribution, and reaching a market. In addition, the course will provide information about many different careers that are available to students who are interested in AV technology and film.

Objectives

- apply understanding of the technical and artistic elements of various careers
- analyze the importance of health, safety and environmental management systems, policies, and procedures common in arts, AV technology, and communications activities and facilities
- analyze the lifestyle implications and physical demands required in the arts, AV technology, and communications workplace
- evaluate the legal and ethical responsibilities required in the arts, AV technology, and communications workplace
- describe the career opportunities and means to achieve those opportunities in each of the arts, AV technology, and communications pathways.
- evaluate technological advancements and tools that are essential to occupations within the arts, AV technology, and communications career cluster.
- analyze the technical, artistic, critical thinking, and creative skills that are required to have successful careers in a competitive arts and communications environment

For topics in this course, it is helpful to students to be familiar with general concepts about the entertainment, broadcast, and information technology industries, as well as the basic skills for conducting research on websites.

If students are not familiar with these topics, it is important for them to familiarize themselves with online resources for audio, film, and technology concepts by visiting such sites as aes.org, or aicp.com. These websites will provide an introduction to audio production and filmmaking.

Unit 1: The History and Practices of A/V Technology and Film		
A/V Technology and Film Careers	Assignments	
	1. Course Overview	10. Project: Design a Multimedia Website for a Film Museum
	2. The History of Sound and Film	11. Policy and Regulations in Film, TV, and Media Creation
	3. The Development of the A/V Industries and Emergence of Corporations	12. Project: Short Video Report: Analyze a Commercial or TV Program
	4. Project: Mini-Documentary on a Hollywood Studio	13. Quiz 2: Principles and Practices in AV Technology and Film
	5. Technological Advances in Film and Sound into Modern Era	14. Special Project*
	6. Project: Diagramming a Piece of Film	15. Test
	7. Quiz 1: The History and Development of AV Technology and Film	16. Course Project Part 1: Developing a Film Treatment or Storyboard*
	8. Basic Tools, Techniques, and Equipment for Production	17. Glossary and Credits
	9. Basic Techniques for Synchronizing Audio and Video	
Unit 2: Equipment and Tools In A/V Technology and Film		
A/V Technology and Film Careers	Assignments	
	1. Audio Production: Basic Tools and Techniques	9. Project: Short Video Tutorial: How to Light an Interview
	2. Fundamentals of Electronics, Acoustics, Sound, and Video	10. Systems and Techniques for Post-production

	3.	Project: Audio Documentary: History of Analog and Digital Audio	11.	Project: Report: Video/Film Editing Software Products
	4.	Tools, Technology, and Equipment to Produce in Audio and Video Formats	12.	Quiz 2: Video Equipment and Technology
	5.	Project: Illustrate an Audio Software User's Guide	13.	Special Project*
	6.	Quiz 1: Audio Equipment and Technology	14.	Test
	7.	Tools, Technology, and Equipment to Produce in Video and Film	15.	Course Project Part 2: Writing a Pre-Production Plan Based on Your Storyboard or Treatment*
	8.	Basic Operation and Set up of Camera and Lighting	16.	Glossary and Credits

Unit 3: Pre-Production Planning and A/V & Film Technical Support				
A/V Technology and Film Careers	Assignments			
	1.	Pre-Planning for Production	10.	Pre-Planning Techniques and Requirements for Post-Production
	2.	Scripts, Screenplays, and Treatments	11.	Project: Write Instructions for Setting Bars and Tone
	3.	Project: Write a Script or Screenplay	12.	Quiz 2: Pre-Production Planning: Equipment and Technology
	4.	Pre-Planning: Tools, Technology, and Equipment	13.	Special Project*
	5.	Project: Write Pre-Production Checklists	14.	Test
	6.	Quiz 1: The Importance of Pre-Production Planning	15.	Course Project Part 3: Production Plan*
	7.	Scripts, Screenplays, and Treatments and How They Inform Production	16.	Glossary and Credits
	8.	Project: Design a Storyboard		
	9.	Equipment and Techniques for Video and Film		

Unit 4: Applying Equipment and Technology in the Production Stage				
A/V Technology and Film Careers	Assignments			
	1.	Production	8.	Camera, Sound, and Lighting, and Techniques and Process
	2.	Project: Produce a Plan for a Production	9.	Project: Make a Multimedia Presentation
	3.	The Ways People Work Together During Production	10.	Technicians and Support Roles During Production
	4.	Technical Support Functions and Visual Technical Staff During Production	11.	Project: Make a How-To Video or Instruction Guide
	5.	Project: Develop a Gaffer Kit	12.	Quiz 2: Video Equipment and Technology
	6.	Quiz 1: Performing Tasks and Applying Skills During Production	13.	Special Project*
	7.	The Role and Function of the Management Team and Production Tasks	14.	Test
			15.	Course Project Part 4: Post-Production Plan*
			16.	Glossary and Credits

A/V Technology and Film Careers	Unit 5: The Post-Production Phase of A/V Technology and Film	
	Assignments	
	<ol style="list-style-type: none"> 1. Post-production 2. Post-Production Teams: Editors and Others Working Together 3. Project: Produce a Tutorial to Identify the Parts an Editor's Program Timeline 4. Applying High-Level Skills Using Equipment in Post-production 5. Project: Write a Report about Royalty-Free Music Options for Post-production 6. Quiz 1: The Post-Production Process 7. Video and Film Editing 8. Project: Create a Workflow and Organizational System for an Editing Session 	<ol style="list-style-type: none"> 9. Sound Editing 10. Finishing Phases for Exhibition and Distribution 11. Project: Create a Video or Report about Color Grading 12. Quiz 2: Post-Production Equipment and Technology 13. Special Project* 14. Test 15. Course Project Part 5: Produce the Short Film, Video, or Multimedia Presentation* 16. Glossary and Credits
Unit 6: Course Project, Review, and Exam		
A/V Technology and Film Careers	Assignments	
	<ol style="list-style-type: none"> 1. Course Project Part 6: Describing Plans for Exhibition or Distribution* 	<ol style="list-style-type: none"> 2. Review 3. Exam

Introduction to Careers in Architecture and Construction

The goal of this course is to provide students with an overview of careers in Architecture and Construction in order to assist with informed career decisions. This dynamic, rapidly evolving career cluster is comprised of three pathways (fields): Design and Pre-Construction (Architecture and Engineering); Construction (Construction and Extraction); and Maintenance and Operations (Installation, Maintenance, and Repair). The Architecture and Construction career cluster is defined as careers in building, designing, managing, maintaining, and planning the built environment.

The built environment is not limited to buildings and structures—or to urban environments. A much broader view of the built environment helps students gain a better and more holistic understanding of the impact of the Architecture and Construction industries. The built environment encompasses all zones of human activity—from natural conservation areas with minimal human intervention to highly dense areas with tall skyscrapers and intricate highway systems to suburban cul-de-sacs. The interrelated components that make up the built environment are as varied and unique as the professionals who help shape it.

Objectives

- Differentiate each Pathway within the Career Cluster and describe the careers in each pathway
- Locate and evaluate career information in order to make an informed decision about career goals
- Identify skills, abilities, and talents needed for careers in Architecture and Construction and analyze how these relate to interest profiles
- Describe and characterize key technical and creative requisites for each educational path that fits the student's primary area (or areas) of interest
- Analyze the impact of the "green economy" on careers in Architecture and Construction.
- Research and predict the growth of industries that comprise the Career Cluster; analyze the ways that technology, innovation, and creative thinking have impacted these industries
- Describe and differentiate key attributes of careers
- Argue how Architecture and Construction careers may change as the economy grows or shrinks
- Evaluate the impact and importance of the regulation of Architecture and Construction in the following areas: planning and zoning, environmental regulations, OSHA regulations, building codes, and regulations ensuring equal access such as the Americans with Disabilities Act (ADA)

This is an introductory course in careers in architecture and construction. As such, there are no prerequisites other than interest in the subject for the student. Students will need online access in order to locate the research materials they will need to review. Some course projects also require online research. Microsoft Office software or the equivalent is required since the student will create presentations using PowerPoint.

Certain projects suggest some minimal physical field work, but virtual alternatives are available should students lack access to the suggested physical sites.

Communications skills, personal skills in recall and observation, experience assessment, and self-analysis are part of certain projects. Some projects direct students to interact with others to some extent; this should be within reach for any student.

Unit 1: Introduction to Careers in Architecture and Construction**Assignments**

- | | |
|--|--|
| 1. Course Overview | 11. Project: Learning to Teach Others About What You Know |
| 2. Design and Pre-Construction: The Field at a Glance | 12. The Bigger Picture: The Role of Architecture and Construction in the US Economy |
| 3. Project: Exploring Nonprofit Construction | 13. Quiz 2: How You Can Shape the Built Environment |
| 4. Construction Site Management | 14. Special Project* |
| 5. Project: Analyze a Local Construction Project | 15. Test |
| 6. Maintenance and Operations | 16. Course Project Part 1: Architecture and Construction: Industry and Careers in Focus* |
| 7. Quiz 1: Pathways: The Built Environment as an Interrelated System | 17. Glossary and Credits |
| 8. Department of Labor O*NET Career Tools | |
| 9. Project: Maker Essay | |
| 10. Job Zones and Resources | |

Unit 2: Building the Future: The Art and Science of Buildings**Assignments**

- | | |
|---|---|
| 1. The Architect and Engineer | 9. Commercial Construction |
| 2. Project: Visualization for Architects and Engineers | 10. The Role of Innovation in the Built Environment |
| 3. Education for Licensed Professions: Architects and Engineers | 11. Project: Materials |
| 4. The Design-Build Revolution | 12. Quiz 2: The Evolution of Buildings |
| 5. Project: Design Professionals Doing Humanitarian Work | 13. Special Project* |
| 6. Quiz 1: The Architect and the Engineer | 14. Test |
| 7. Residential Construction | 15. Course Project Part 2: Understanding LEED Certification and Green Building: Preparing Your Building for LEED Certification* |
| 8. Project: New Directions in Residential Construction | 16. Glossary and Credits |

Unit 3: Green Jobs in Architecture and Construction**Assignments**

- | | |
|---|---|
| 1. Green Building | 9. Project: Preparing Your Own Emergency Kit |
| 2. Regulation and Assessment of Green Building | 10. Green Certification and Green Skills |
| 3. Project: Find a LEED Certified Building and Analyze It | 11. Project: Design a New School Locker |
| 4. Research and Development and its Impact on Green Building and Construction | 12. Quiz 2: Green Jobs |
| 5. Project: Home Energy Audit Assignment | 13. Special Project |
| 6. Quiz 1: The Green Economy | 14. Test |
| 7. Green Economy | 15. Course Project Part 3: Courses of Study for Architecture and Construction Careers |
| 8. Green Jobs | 16. Glossary and Credits |

Unit 4: The Arts and the Built Environment: Jobs for Creatives**Assignments**

- | | |
|--|--|
| 1. Pre-Construction and Design Specialists | 9. The Trades: The Almost-Lost Arts of Master Craftsmen |
| 2. Project: Landscape Architecture in Large-Scale Action Essay | 10. Project: Master Craftsmen Resources |
| 3. Interdisciplinary Work Within Specializations | 11. The Future of the Past |
| 4. Project: Drawing and Geometry: Sketching Exercise | 12. Quiz 2: History and Tradition of the Building Arts |
| 5. The Role of Art, History, and Research in Design | 13. Special Project* |
| 6. Quiz 1: Pre-Construction and Design Specialists | 14. Test |
| 7. Historical Research and Preservation in Architecture and Construction | 15. Course Project Part 4: Sustainable Development Presentation* |
| 8. Project: National Register of Historic Places Project | 16. Glossary and Credits |

Unit 5: Building the City**Assignments**

- | | |
|--|---|
| 1. Planning | 10. Project: The Well-Photographed Bridge Assignment |
| 2. Project: Future City Design | 11. The Need for Resilient Infrastructure |
| 3. Zoning | 12. Quiz 2: Civil Engineering |
| 4. Project: Retrofitting Urban Sprawl Assignment | 13. Special Project* |
| 5. Overview of Prevailing Planning Trends | 14. Test |
| 6. Quiz 1: Planning | 15. Course Project Part 5: Computer-Aided Design and You* |
| 7. Evolution of Civil Engineering | 16. Glossary and Credits |
| 8. Project: Tinkercad 3D Modeling Assignment | |
| 9. Environmental and Civil Engineering | |

Unit 6: Course Review, and Exam**Assignments**

- | | |
|--|-----------|
| 1. Course Project Part 6: Now That You Know: Where Do You See Yourself in the Architecture and Construction Career Cluster?* | 2. Review |
| | 3. Exam |

Construction Careers

This course in Construction Technology introduces students to the basics of construction, building systems, engineering principles, urban planning, and sustainability. Students will learn the key techniques in building all types of buildings, as well as the key individuals involved in each step of the process. Many lessons present information on green building techniques and concepts that are becoming a standard part of the construction industry. Safety practices are emphasized in several lessons because construction is one of the most dangerous industries; students will learn that there is no way to be successful in construction without taking such issues seriously. Toward this end, the lessons also explore regulatory agencies and guidelines established for the purpose of protecting not only construction workers but also the occupants of a building.

The evolution of building types and materials informs a discussion on modern techniques and materials, as the technology developed through the field of building science makes advances allowing buildings to be more efficient, more comfortable, and more impervious to natural disasters. We consider traditional and sustainable building materials, which are sometimes one and the same. This includes lumber, masonry, glass, steel, tar, and asphalt. Concrete deserves special mention as the world's most common building material and its importance in a building's foundation. In terms of engineering concepts, we study how buildings and structures handle forces of compression, tension, and shear. Building processes include shell and core construction, curtain walls, heavy timber frame construction, light frame construction, different types of foundations, and different truss systems for roofs.

Highlighted careers include hands-on construction positions such as carpenter, ironworker, mason, and plumber, but also those involved in the design of a building, such as architects and engineers, and those involved in the regulatory aspects of the built environment, including urban planners and building inspectors. Toward that end, the development and adoption of model building codes are discussed, along with the work of the Occupational Safety and Health Administration (OSHA), which is the primary regulatory agency devoted to workplace safety. Mechanical engineers, civil engineers, historical preservationists, developers, and general contractors are some of the other professionals that influence the design and construction of buildings.

To better understand how a building impacts the environment, we study the formal process of life-cycle assessment, which considers how resources are created, maintained, used, and disposed of throughout the life of a building. The cradle-to-grave process of a building is discussed. How a foundation is laid, then how shell and core construction works, then the installation of systems—HVAC, electric, plumbing—including a roof, curtain walls, and cladding. We discuss how buildings are designed for efficient operation for the bulk of their life cycle, and finally how they are demolished. We discuss how a proper building envelope functions and how different cladding systems help prevent thermal transfer while allowing a building to breathe.

Urban planning and land use are increasingly part of the dialogue in which builders, developers, and construction workers are engaged. Every building is bound by zoning ordinances and building codes, which is an element all construction workers must understand in order to have sufficient insight into their jobs.

Two specialty construction fields that are becoming increasingly mainstream are green construction and historical preservation, driven by the U.S. Green Building Council's LEED rating system and the National Historical Preservation Act, respectively. We discuss the rise of green building systems, including solar roofs, green roofs, and grey-water systems, and the processes integral to historical preservation, which include lead and asbestos abatement, renovation, and adaptive reuse. These are growth areas for those interested in construction, and each offers individuals many options for specialization in cutting-edge techniques or in historical preservation techniques, both of which are highly valued in today's construction climate.

Objectives

- Describe the career opportunities available in construction and construction technology and the educational path for each profession or trade.

- Chart how a construction project proceeds from beginning to end, naming the stakeholders and workers necessary at each stage of the process.
- Explain the concept of life-cycle assessment and its role in sustainable construction.
- Compare the different techniques and materials involved in building a residence with those involved in building a commercial structure or civil engineering project.
- Evaluate and explain various laws, regulations, and professions designed to make construction sites safe for workers and buildings safe for their inhabitants.
- Summarize shell and core construction, beginning with an explanation of various types of foundations and by examining wood-frame construction versus steel-frame construction.
- Explain how a building functions as a system by describing the purpose of a building's envelope, roof, and cladding materials.
- Identify trends in sustainable construction, urban planning, and historical preservation.

This class has no prerequisites, but students should be interested in the built environment and skilled jobs that are very hands-on. Experience conducting online research is a plus, and having access to a digital camera of some sort is important for completing several of the lesson projects. Students will need a computer and reliable access to the Internet, as well as a dedicated notebook for use as a journal.

A couple of projects involve going out into the community and conducting interviews. Thus, good communication skills and a sense of professionalism are a plus. Knowledge of or experience with power tools, carpentry, or any skilled trades is useful but not necessary.

Unit 1: Introduction to Careers in Construction Technology		
Construction Careers	Assignments	
	1. Course Overview	9. Plumbers, Electricians, and HVAC Professionals
	2. Construction Technology: Past, Present, and Future	10. Project: Create a Fact Sheet on Plumbing Tip: How to Fix a Running Toilet
	3. Project: Site View, Elevation View, and Plan View of Your House	11. Carpenters, Glaziers, and Other Tradespeople
	4. The Civil Engineer: Construction, Function, and Assessment	12. Project: Using Carpentry Skills to Create a Corrugated Cardboard Shadow Box
	5. Project: Be a Structural Engineer	13. Quiz 2: Building Systems and the Evolution of the Trades
	6. Contractors, Managers, and Foremen: Coordinating a Building Project	14. Special Project*
	7. Quiz 1: From Plans to Permanence: How Buildings Get Made	15. Test
	8. Excavators, Masons, and Ironworkers	16. Course Project Part 1: Design and Build Your Dream House*
		17. Glossary and Credits

Unit 2: Building Life-Cycle Assessment and Regulation		
Construction Careers	Assignments	
	1. Life-Cycle Assessment: Materials Manufacturing	8. Building Codes and Inspection
	2. Project: Analyze a Life-Cycle Assessment Case Study	9. Project: Interview a Building Inspector
	3. Life-Cycle Assessment and Construction Methods	10. Urban Planning and Zoning
	4. Life-Cycle Assessment: Demolition	11. Project: Plan Your Own Town
	5. Project: Construction and Demolition Materials in Single-Family Homes: Analyze an EPA Report	12. Quiz 2: Building Codes and Regulation
	6. Quiz 1: Life-Cycle Assessment: from Cradle to Grave	13. Special Project*
	7. Job-Site Safety and OSHA	14. Test
		15. Course Project Part 2: Your Dream House: Site Plan and Foundation*
		16. Glossary and Credits
Unit 3: Building Materials and Methods of Construction 1		
Construction Careers	Assignments	
	1. Shell and Core Construction: Foundations	9. Light-Frame Construction
	2. Project: Foundation Investigation: What's Beneath These World Landmarks	10. The Business of Building
	3. Shell and Core Construction: Concrete and Masonry	11. Project: Seattle's SR 99: The Alaskan Way Viaduct Replacement Tunnel
	4. Project: How to Build a Concrete-Framed Building	12. Quiz 2: Heavy- and Light-Frame Construction
	5. Steel-Frame Construction	13. Special Project*
	6. Quiz 1: Foundations and Shell and Core Construction	14. Test
	7. Heavy Timber-Frame Construction	15. Course Project Part 3: Your Dream House and Sustainable Design: Materials*
	8. Project: Joinery with Soap and Foam Board	16. Glossary and Credits
Unit 4: Building Materials and Methods of Construction 2		
Construction Careers	Assignments	
	1. Roof Structures and Styles	10. Building Science
	2. Roofing Trusses and Materials	11. Project: Hurricane Sandy and Building Science
	3. Project: The Triangle vs. The Rectangle	12. Quiz 2: The Envelope and External Finishes
	4. Green Roofs and Solar Roofs	13. Special Project*
	5. Project: Exploring Cool Roofs	14. Test
	6. Quiz 1: The Roof: Engineering Principles and Materials	15. Course Project Part 4: Your Dream House and Sustainable Design: Components of Green Building*
	7. The Building Envelope	
	8. Types of Building Cladding	16. Glossary and Credits
	9. Project: Do-It-Yourself Cladding	

Construction Careers

Unit 5: Green Technology, Sustainability, and Preservation	
Assignments	
1. Sustainable Construction and Green Construction Codes	9. Project: Adaptive Reuse in Your Community
2. Project: Sustainable Shelter: The FEMA Trailer vs. the Katrina Cottage	10. Preservation Trades Education and Safety
3. Green and Not-So-Green Building Materials	11. Project: Finding Work in the Field of Historic Preservation
4. Green Construction Jobs	12. Quiz 2: Historical Preservation and Construction
5. Project: Interview a Green Builder	13. Special Project*
6. Quiz 1: Green Construction Technology	14. Test
7. Historic Preservation	15. Course Project Part 5: Schedule Your Dream Home Build*
8. Adaptive Reuse	16. Glossary and Credits

Unit 6: Course Review, and Exam	
Assignments	
1. Course Project Part 6: Your Dream House: Putting It All Together*	2. Review
	3. Exam

Business Law

This course is designed to provide students with the knowledge of some of the vital legal concepts that affect commerce and trade. First, they will gain some familiarity with how laws are created and interpreted. Then, they will be introduced to the types of businesses that can be created to engage in commerce as well as the contractual and liability considerations that can impact a business. Laws that affect how a business is regulated will also be reviewed, particularly the impact of administrative rules and regulations on a business.

As the students work through matters of law and business, they will also consider scriptural principles.

Global commerce and international agreements, treaties, organizations, and courts that can affect business will be discussed to get a better sense of what it means to "go global" with a business. This global emphasis will also survey what is prophesied in the Bible about buying and selling in the last days.

Consumer and environmental protections will be explained as well as bankruptcy options, should a business go insolvent. In particular, students will look at what the Bible has to say about the ethics of bankruptcy. Lastly, no business exists without experiencing some kind of dispute or another, and so we will review the options that exist for dispute resolution and alternative dispute resolution to provide a better understanding of how best to deal with such matters.

Objectives

- Develop a general overview of the legal system in the United States.
- Understand the types of businesses and corporations that exist.
- Develop insight into the formation of contracts.
- Learn about torts and liability considerations regarding torts.
- Develop an understanding of ethics and civil and criminal procedures.
- Develop an appreciation of the administrative law process along with the Commerce Clause and its effect on employment law.
- Comprehend the information about intellectual property law and e-commerce.
- Understand the global picture of international agreements and sources of international law, international trade, the UN and key organs and commissions, and the international courts created by treaties.
- Gain insight into consumer, environmental, and bankruptcy laws that can affect an individual and his or her business.
- Learn how to resolve disputes that may arise in the transaction of business through traditional or alternative means.

While there are no formal requirements for this course, it is important to understand that this is a challenging course requiring your best critical-thinking skills. The ability to conduct research, make lateral connections, and consider options not clearly outlined is a function of those who successfully practice the law. This course uses scenarios and case studies to apply the concepts offered and encourage creative thinking within the confines of the legal and ethical parameters. For the Christian student who is considering a career in the law, this course is a good primer.

Unit 1: Role of Law and Its Impact on Business		
Business Law	Assignments	
	1. Course Overview	10. Project: Starting a Business
	2. Law Sources: The Legislative and the Executive Branches	11. Partnerships
	3. Project: Drafting a Bill	12. Project: Partnerships
	4. Law Sources: The Constitution and the Judicial Branch	13. Corporations
	5. Project: A Supreme Court Case	14. Project: Understanding the Tender Offer
	6. The Bill of Rights and Fundamental Guarantees	15. Quiz 2: Corporations
	7. Project: A Comparison of Human Rights Bills	16. Special Project*
	8. Quiz 1: Sources Of Law and The Bill Of Rights	17. Test
	9. Sole Proprietorships and Agency	18. Course Project – Part 1: Role of Law and Its Impact on Business*
		19. Glossary and Credits
Unit 2: Legal Considerations in Business Law		
Business Law	Assignments	
	1. Contracts: Basic Elements of Contracts	11. Project: Lulu the Runaway Dog
	2. Project: Identifying Internet Agreements	12. Torts: Strict Liability and Nuisance
	3. Contracts: Uniform Commercial Code	13. Project: You be the Author: Write Your Own Newspaper Articles
	4. Project: Buyers, Sellers, and Warranties	14. Quiz 2: Torts
	5. Contract Defenses	15. Special Project*
	6. Project: Defensible Defenses	16. Test
	7. Quiz 1: Contracts	17. Course Project – Part 2: Legal Considerations in Business Law*
	8. Torts: Intentional Torts	18. Glossary and Credits
	9. Project: Review the Lemonade Stand Fact Pattern	
	10. Torts: Negligence	
Unit 3: Regulating a Business		
Business Law	Assignments	
	1. Ethics and the Law: Crimes Against Persons	10. Administrative Law and Adjudication
	2. Project: Know Your State's Penal or Criminal Code and Create Your Own Law	11. Project: News Stories on Federal Agencies
	3. Ethics and the Law: Crimes Against Property	12. Employment, Regulation, and Discrimination in the Workplace
	4. Project: Know Your White-Collar Crimes	13. Prepare Scenarios Using Gidgits Galore
	5. Criminal Procedure	14. Quiz 2: Administrative Law, The Commerce Clause, and Employment Law
	6. Project: Create Your Own Crime	15. Special Project
	7. Quiz 1: Ethics and The Law – Criminal and Civil Procedure	16. Test
	8. Introduction to Administrative Law	17. Course Project – Part 3: Regulating a Business
	9. Project: Federal Agencies and Their Functions	18. Glossary and Credits

Unit 4: Global Commerce		
Business Law	Assignments	
	1. Intro to Intellectual Property: Patents	10. International Trade, GATT, and the WTO
	2. Project: Developing a Patent	11. Governmental Systems of the United Nations
	3. Intro to Intellectual Property: Trademarks and Copyrights	12. Project: International Courts and Adjudication
	4. Project: Applying for a Trademark	13. Quiz 2: International Governmental Systems and Law
	5. Electronic Commerce	14. Special Project*
	6. Project: Privacy Issues	15. Test
	7. Quiz 1: Intellectual Property and E-Commerce	16. Course Project – Part 4: Global Commerce*
	8. Sources of International Law	17. Glossary and Credits
	9. Project: Look Up a Treaty	
Unit 5: Protections and Resolutions		
Business Law	Assignments	
	1. Consumer Law	11. Project: Constructing a Dispute, Arbitration, and Resolution
	2. Project: Consumer Protection in Action	12. Career Opportunities in Business Law
	3. Environmental Law	13. Project: Career Assessment
	4. Project: Global Issues: The Future We Want?	14. Quiz 2: Dispute Resolution and Alternative Dispute Resolution
	5. Business Protection – Bankruptcy	15. Special Project*
	6. Project: Bankrupt Your Business	16. Test
	7. Quiz 1: Consumer Law, Environmental Law, and Bankruptcy Law	17. Course Project – Part 5: Protections and Resolutions*
	8. Dispute Resolution	18. Glossary and Credits
	9. Project: Create a Business Dispute, and Resolve It	
	10. Alternative Dispute Resolution	
Unit 6: Course Project, Review, and Exam		
Business Law	Assignments	
	1. Course Project – Part 6: Pitching Your Product*	3. Exam
	2. Review	

Career Management

Career Management assists students in their preparation for career selection. The course is designed to improve workforce skills needed in all careers including:

- communication
- leadership
- teamwork
- decision making
- problem solving
- goal setting
- time management

Students will complete activities that help identify personal interests, aptitudes, and learning styles. Students will use results of self-assessments to determine careers that may prove personally satisfying.

Students will complete an in-depth career research activity that can be repeated for each future career decision. Students will also create a career portfolio as they work through the curriculum.

In addition to the default course program, Career Management includes alternate lessons, projects, and tests for use in enhancing instruction or addressing individual needs.

Objectives

- Examine the idea of work and what work entails.
- Analyze personal skills, aptitudes, and interests in order to choose a compatible career.
- Conduct career research while utilizing a variety of resources, both print and online.
- Create a lifestyle budget and career plan.
- Identify the steps necessary to prepare for chosen careers.
- Identify important elements of a resume and cover letter.
- Analyze and implement steps for problem solving and decision making.

Students will have to research different aspects of careers and will rely heavily on the Career Clusters developed by the U.S. Department of Education. They also will be asked to find and summarize job related information such as potential income, job requirements, and basic employability skills.

Some of the tasks in the chapter projects ask for answers that can be found in the lessons themselves, while others require research using the Internet. Students should have access to a computer with Internet and a good working knowledge of how to find information on the Web. While sample URLs are usually presented as a starting point, the student should have a basic knowledge of using search engines to find specific information.

Unit 1: What is Work?		
Career Management	Assignments	
	1. Course Overview	16. Project: Basic Employability Skills*
	2. The Purpose of Work	17. Problem Solving
	3. Personal Benefits Of Work	18. Project: Problem Solving*
	4. Wages and Employment Benefits	19. Lifelong Learning and Technology
	5. Project: Time Sheet	20. Career Clusters: Part 1
	6. Project: Earnings Statement	21. Project: Hospitality and Tourism Brochure*
	7. Lifestyle Goals	22. Quiz 2: Elements of Work
	8. Project: Lifestyle Budget	23. Alternate Quiz 2: Form A: Elements of Work*
	9. Societal Benefits of Work	24. Alternate Quiz 2: Form B: Elements of Work*
	10. Quiz 1: What is Work?	25. Special Project*
	11. Alternate Quiz 1: Form A: What is Work?*	26. Review
	12. Alternate Quiz 1: Form B: What is Work?*	27. Test
	13. Basic Work Qualifications	28. Alternate Test: Form A*
	14. Work Environment	29. Alternate Test: Form B*
	15. Basic Employability Skills	30. Glossary and Credits
Unit 2: Self-Assessment		
Career Management	Assignments	
	1. Your Interests	16. Project: Teamwork*
	2. Skills and Aptitudes	17. Career Clusters: Part 2
	3. Project: Interests, Skills, and Aptitudes	18. Project: Arts, AV Technology and Communications Brochure*
	4. Personality Traits and Values	19. Quiz 2: Developing Interpersonal Skills
	5. Project: Extended Activity - Inherited Values*	20. Alternate Quiz 2: Form A: Developing Interpersonal Skills*
	6. Learning Styles	21. Alternate Quiz 2: Form B: Developing Interpersonal Skills*
	7. Project: Complete a Transferable and Self-Management Skills Inventory	22. Special Project*
	8. Quiz 1: Assessing Yourself	23. Review
	9. Alternate Quiz 1: Form A: Assessing Yourself*	24. Test
	10. Alternate Quiz 1: Form B: Assessing Yourself*	25. Alternate Test: Form A*
	11. Listening	26. Alternate Test: Form B*
	12. Speaking	27. Glossary and Credits
	13. Writing	
	14. Project: Giving and Receiving Directions	
	15. Teamwork and Collaboration	

Unit 3: Career Research		
Career Management	Assignments	
	1. Project: Predict Career Information	16. Alternate Quiz 2: Form A: Research Sources and Skills*
	2. Career Skills, Tasks, and Tools	17. Alternate Quiz 2: Form B: Research Sources and Skills*
	3. Project: Career Skills, Tasks, and Tools*	18. Project: Career Research
	4. Career Education, Training, and Qualifications	19. Project: Career Portfolio
	5. Career Wages and Benefits	20. Project: Post-Secondary Education Portfolio
	6. Career Outlook	21. Career Clusters: Part 3
	7. Project: Extended Activity: Career Outlook*	22. Project: Transportation, Distribution and Logistics Brochure*
	8. Quiz 1: Research Criteria	23. Special Project*
	9. Alternate Quiz 1: Form A: Research Criteria*	24. Review
	10. Alternate Quiz 1: Form B: Research Criteria*	25. Test
	11. Internet Research	26. Alternate Test: Form A*
	12. Library and Print Resources	27. Alternate Test: Form B*
	13. Additional Research Resources	28. Glossary and Credits
	14. Evaluate and Use Multiple Resources	
	15. Quiz 2: Research Sources and Skills	
Unit 4: Planning for Your Career		
Career Management	Assignments	
	1. Workplace Etiquette	15. Project: Thinking Skills
	2. Project: Work Poem*	16. Extracurricular Activities
	3. Workplace Trends	17. Quiz 2: Decision Making
	4. Emerging Careers	18. Alternate Quiz 2: Form A: Decision Making*
	5. Adjusting to Workplace Trends	19. Alternate Quiz 2: Form B: Decision Making*
	6. Self-improvement	20. Project: Academics Portfolio
	7. Quiz 1: Workplace Considerations	21. Project: Activities Portfolio
	8. Alternate Quiz 1: Form A: Workplace Considerations*	22. Career Clusters: Part 4
	9. Alternate Quiz 1: Form B: Workplace Considerations*	23. Project: Marketing Brochure*
	10. Decision-making Steps	24. Special Project*
	11. Goal Setting	25. Review
	12. Project: Setting Goals	26. Test
	13. Conflict Management	27. Alternate Test: Form A*
	14. Thinking Skills	28. Alternate Test: Form B*
		29. Glossary and Credits

Unit 5: Preparing for Your Career		
Career Management	Assignments	
	1. Resumes	13. What to Expect During an Interview
	2. Project: Resume*	14. Researching Potential Employers
	3. Cover Letters	15. Interview Behavior/Skills
	4. Project: Cover Letters*	16. Interview Follow-up
	5. Job Applications	17. Quiz 2: Contact with Employers
	6. Project: Job Application*	18. Alternate Quiz 2: Form A: Contact with Employers*
	7. Your Professional Online Presence	19. Alternate Quiz 2: Form B: Contact with Employers*
	8. Project: Professional Presence*	20. Special Project*
	9. Quiz 1: Creating Employment Documents	21. Review
	10. Alternate Quiz 1: Form A: Creating Employment Documents*	22. Test
	11. Alternate Quiz 1: Form B: Creating Employment Documents*	23. Alternate Test: Form A*
	12. Finding Job Leads	24. Alternate Test: Form B*
Unit 6: Course Review and Exam		
	Assignments	
	1. Course Review	3. Alternate Exam: Form A*
	2. Exam	4. Alternate Exam: Form B*

Office 2010 Applications I

Office 2010 Applications I is a semester-length, high school elective that explores the use of application skills in Microsoft® Word®, Publisher®, and PowerPoint® 2010. Students will use these applications to design, develop, create, edit, and share business documents, publications, and presentations. This course provides key knowledge and skills in the following Microsoft Office® applications:

1. Microsoft Word: Students are provided with an introduction to advanced skills in Microsoft Word that range from simply developing an understanding of the various uses of Word to more complex explorations of mail merge, tab stops, reference resources, and additional features available in backstage view.
2. Microsoft Publisher: Students learn to create publications, insert and edit publication items, and view, review, and share those publications.
3. Microsoft PowerPoint: Students will learn how to create presentations, enter and modify content, modify and deliver presentations, and collaborate and share PowerPoint presentations.

Objectives

- Create, modify, save, and format styles, text, font, pages, and folders in Microsoft Word.
- Demonstrate use of the Cut, Copy, and Paste commands and the Show/Hide button while editing documents.
- Show how to use Spell Check, Find and Replace, and AutoCorrect in the Word application.
- Know how to track changes and add comments in a document.
- Demonstrate how to insert, format, modify, and edit elements of a Word document.
- Demonstrate knowledge of Microsoft Word advanced skills.
- Understand the basics of references in Word.
- Modify document properties including templates.
- Recognize how to navigate, modify, edit, and review elements of the Microsoft Publisher application.
- Recall how to print and share a publication electronically.
- Demonstrate knowledge of how to open, modify, insert, create, present, and save elements of a PowerPoint presentation.

Students must be computer literate and have Internet access. Students should have basic research skills, as well as the ability to conduct online searches and access recommended websites. Word processing and presentation software is required to produce projects.

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Unit 1: Microsoft® Word® Beginning Skills		
Office 2010 Applications I	Assignments	
	1. Course Overview	16. Backgrounds and Themes
	2. Microsoft Word and the Documents it can Create	17. Project: Microsoft Word Page and Paragraph Formatting
	3. Navigating the Word Screen	18. Quiz 3: Formatting Paragraphs and Pages
	4. Open, Enter Text, Save and Print	19. Alternate Quiz 3: Form A: Formatting Paragraphs and Pages*
	5. Quiz 1: Word Introduction	20. Alternate Quiz 3: Form B: Formatting Paragraphs and Pages*
	6. Alternate Quiz 1: Form A: Word Introduction*	21. Supplemental Lesson*
	7. Alternate Quiz 1: Form B: Word Introduction*	22. Special Project*
	8. Font: Basic Editing Features	23. Review
	9. Font Styles and the Clipboard	24. Test
	10. Project: Microsoft Word Document Formatting	25. Alternate Test: Form A*
	11. Quiz 2: Formatting Font	26. Alternate Test: Form B*
	12. Alternate Quiz 2: Form A: Formatting Font*	27. Glossary and Credits
	13. Alternate Quiz 2: Form B: Formatting Font*	
	14. Paragraph Formatting Features	
	15. Page Setup Features	

Unit 2: Microsoft® Word® Intermediate Skills		
Office 2010 Applications I	Assignments	
	1. Inserting Images into Documents	15. Insert Comments and Track Changes
	2. Inserting Shapes, SmartArt and Text Boxes	16. Autocorrect Options
	3. Special Parts in the Word Application	17. Project: Review Tab Skills
	4. Project: Inserting and Modifying Content	18. Quiz 3: Autocorrect Options
	5. Quiz 1: Word Intermediate Skills	19. Alternate Quiz 3: Form A: Autocorrect Options*
	6. Alternate Quiz 1: Form A: Word Intermediate Skills*	20. Alternate Quiz 3: Form B: Autocorrect Options*
	7. Alternate Quiz 1: Form B: Word Intermediate Skills*	21. Project: Collaborating on a Word Document*
	8. Inserting Tables	22. Project: Supplemental Projects*
	9. Organizing Content in Tables	23. Special Project*
	10. Project: Tables	24. Review
	11. Quiz 2: Working with Tables	25. Test
	12. Alternate Quiz 2: Form A: Working with Tables*	26. Alternate Test: Form A*
	13. Alternate Quiz 2: Form B: Working with Tables*	27. Alternate Test: Form B*
	14. Spell Check and Find and Replace	28. Glossary and Credits

Unit 3: Microsoft® Word® Advanced Skills		
Office 2010 Applications I	Assignments	
	1. Merging to Create Labels	15. Using and Creating a Template
	2. Merging to Create Letters	16. Project: Creating a document template
	3. Project: Creating a Merge	17. Quiz 3: Backstage View
	4. Quiz 1: Word Advanced Skills	18. Alternate Quiz 3: Form A: Backstage View*
	5. Alternate Quiz 1: Form A: Word Advanced Skills*	19. Alternate Quiz 3: Form B: Backstage View*
	6. Alternate Quiz 1: Form B: Word Advanced Skills*	20. Project: Unit Simulation*
	7. Endnotes and Footnotes	21. Project: Supplemental Materials*
	8. Hyperlinks	22. Special Project*
	9. Table of Contents	23. Review
	10. Project: Inserting Special Report Features	24. Test
	11. Quiz 2: References	25. Alternate Test: Form A*
	12. Alternate Quiz 2: Form A: References*	26. Alternate Test: Form B*
	13. Alternate Quiz 2: Form B: References*	27. Glossary and Credits
	14. Share, Protect, and Modify Document Properties	
Unit 4: Microsoft® Publisher® Application		
Office 2010 Applications I	Assignments	
	1. Opening and Navigating Publisher	13. Sharing and Printing Publications
	2. Designing Pages	14. Project: Modify and Share a Publication
	3. Inserting Text	15. Quiz 2: Publications
	4. Project: Open Publisher, Browse, and Select a Template	16. Alternate Quiz 2: Form A: Publications*
	5. Quiz 1: Publisher	17. Alternate Quiz 2: Form B: Publications*
	6. Alternate Quiz 1: Form A: Publisher*	18. Project: Design, Edit and Share a Publication
	7. Alternate Quiz 1: Form B: Publisher*	19. Project: Supplemental Activities
	8. Graphics	20. Special Project*
	9. Tables and Building Blocks	21. Review
	10. Project: Inserting Enhancements	22. Test
	11. Viewing a Publication	23. Alternate Test: Form A*
	12. Reviewing a Publication	24. Alternate Test: Form B*
		25. Glossary and Credits

Unit 5: Microsoft® PowerPoint® Application		
Office 2010 Applications I	Assignments	
	1. PowerPoint Layout and Modifying Views	16. Project: Simulation: Modify, Share, and Deliver a Show
	2. Entering Text and Formatting Slides	17. Quiz 3: Modify, Share, Deliver a Show
	3. Quiz 1: PowerPoint Layout and Views	18. Alternate Quiz 3: Form A: Modify, Share, Deliver a Show*
	4. Alternate Quiz 1: Form A: PowerPoint Layout and Views*	19. Alternate Quiz 3: Form B: Modify, Share, Deliver a Show*
	5. Alternate Quiz 1: Form B: PowerPoint Layout and Views*	20. Project: Simulation: Design and Create a Presentation
	6. Images, WordArt, and SmartArt	21. Project: Supplemental Activities
	7. Charts and Tables	22. Special Project*
	8. Project: Simulation: Creating a Presentation	23. Review
	9. Quiz 2: Charts and Tables	24. Test
	10. Alternate Quiz 2: Form A: Charts and Tables*	25. Alternate Test: Form A*
	11. Alternate Quiz 2: Form B: Charts and Tables*	26. Alternate Test: Form B*
	12. Transitions and Animations	27. Glossary and Credits
	13. Set up Show and Timings	
	14. Presentation Tools	
	15. Saving, Printing, Sharing, and Protecting a Presentation	
Unit 6: Course Review, and Exam		
	Assignments	
	1. Course Review	3. Alternate Final Exam: Form A*
	2. Final Exam	4. Alternate Final Exam: Form B*

Office 2010 Applications II

Office 2010 Applications II is a semester-length, high school elective course that explores the use of application skills in Microsoft® Excel® and Microsoft® Access®. Students will use these applications to design, develop, create, edit, and share business spreadsheet and database documents. This course provides key knowledge and skills in the following areas:

1. Introduction to advanced skills in Microsoft® Excel® ranging from basic spreadsheet terminology to exploring data entry, formatting, formulas, functions, charts, graphics, and additional features available in backstage view
2. Skills in Microsoft® Access®, ranging from basic relational database terminology to creating and modifying tables, forms, queries, and reports

Objectives

- Recognize the elements of an Excel spreadsheet.
- Demonstrate use of Excel navigation and protection tools.
- Know how to modify, edit, save, create, and format Excel spreadsheets.
- Use tools to manage Excel worksheets.
- Define the rules for creating formulas and functions in Excel worksheets.
- Demonstrate how to create, modify, and edit charts and shapes in Microsoft Excel.
- Demonstrate knowledge of database design.
- Manage the Access Environment.
- Create an Access database.
- Create, modify, and edit Access forms, queries, and reports.

Students must be computer literate and have Internet access. Students should have basic research skills, as well as the ability to conduct online searches and access recommended websites. Word processing and presentation software might be required to produce projects.

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Unit 1: Microsoft® Excel® Spreadsheets Basics		
Office 2010 Applications II	Assignments	
	1. Course Overview	15. Saving and File Formats
	2. What is a Spreadsheet and What Are Its Uses?	16. Sharing Worksheet Data with Other Users
	3. Spreadsheet Design and the Microsoft Excel Screen	17. Managing Comments
	4. Quiz 1: Overview of Spreadsheet Basics	18. Printing Worksheets and Workbooks
	5. Alternate Quiz 1: Form A: Overview of Spreadsheet Basics*	19. Project: Saving and Printing Microsoft Excel Files
	6. Alternate Quiz 1: Form B: Overview of Spreadsheet Basics*	20. Quiz 3: Managing File Settings
	7. Navigating in a Worksheet	21. Alternate Quiz 3: Form A: Managing File Settings*
	8. Microsoft Excel Workbook Views	22. Alternate Quiz 3: Form B: Managing File Settings*
	9. Microsoft Excel Window Views	23. Supplemental Lesson 1: Financial Terms*
	10. Project: Managing the Worksheet Environment	24. Supplemental Lesson 2: Financial Statements*
	11. Quiz 2: Spreadsheet Basics	25. Special Project*
	12. Alternate Quiz 2: Form A: Spreadsheet Basics*	26. Review
	13. Alternate Quiz 2: Form B: Spreadsheet Basics*	27. Test
	14. Workbook Properties	28. Alternate Test: Form A*
Office 2010 Applications II	Unit 2: Creating Microsoft® Excel® Spreadsheets	
	Assignments	
	1. Microsoft Excel Data Types	21. Alternate Quiz 3: Form A: Creating Formulas*
	2. Entering and Editing Cell Data	22. Alternate Quiz 3: Form B: Creating Formulas*
	3. Selecting, Filling, Moving, and Copying Cell Data	23. Functions in Microsoft Excel
	4. AutoFill	24. Function Wizard and Linking Formulas
	5. Project: Stock Market Project Part 1 - Researching and Recording Stock Prices	25. Analyzing Data by Sorting and Filtering
	6. Quiz 1: Data Entry	26. Project: Stock Market Project 4 - Entering Functions
	7. Alternate Quiz 1: Form A: Data Entry*	27. Quiz 4: Utilizing Functions and Data Commands
	8. Alternate Quiz 1: Form B: Data Entry*	28. Alternate Quiz 4: Form A: Utilizing Functions and Data Commands*
	9. Cell Formats	29. Alternate Quiz 4: Form B: Utilizing Functions and Data Commands*
	10. Editing Cells, Rows, and Columns	30. Project: Budget Project - Career Search
	11. Managing Worksheets	31. Project: Budget Project - Housing Research
	12. Project: Stock Market Project 2 - Formatting a Spreadsheet	32. Project: Budget Project - Vehicle Research
	13. Quiz 2: Formatting Cells and Worksheets	33. Project: Budget Project - Utilities, Vacation, and Miscellaneous Expense Research*
Office 2010 Applications II	14. Alternate Quiz 2: Form A: Formatting Cells and Worksheets*	34. Project: Budget Project - Final
	15. Alternate Quiz 2: Form B: Formatting Cells and Worksheets*	35. Special Project*
	16. Order of Operations	36. Review
	17. Microsoft Excel Formulas	37. Test
	18. Types of Cell References in Formulas	38. Alternate Test: Form A*
	19. Project: Stock Market Project 3 - Entering Formulas	39. Alternate Test: Form B*
	20. Quiz 3: Creating Formulas	40. Glossary and Credits
	Unit 3: Microsoft® Excel® Graphical Representations	
	Assignments	
	1. Why Use Graphical Representations of Data?	15. Project: Stock Market Project Part 6 - Creating Advanced Charts
	2. Creating Charts	16. Quiz 3: Advanced Charting Options
	3. Quiz 1: Creating Charts in Microsoft Excel	17. Alternate Quiz 3: Form A: Advanced Charting Options*
	4. Alternate Quiz 1: Form A: Data Entry*	
	5. Alternate Quiz 1: Form B: Data Entry*	

Office 2010 Applications II	6. Formatting Charts	18. Alternate Quiz 3: Form B: Advanced Charting Options*
	7. Enhancing Charts with Illustrations	19. Project: Research and Chart Product Price Comparisons*
	8. Formatting Illustrations	20. Project: Chart Budget Expenses*
	9. Project: Stock Market Project Part 5 - Creating and Enhancing Charts	21. Special Project*
	10. Quiz 2: Enhancing Microsoft Excel Charts	22. Review
	11. Alternate Quiz 2: Form A: Enhancing Microsoft Excel Charts*	23. Test
	12. Alternate Quiz 2: Form B: Enhancing Microsoft Excel Charts*	24. Alternate Test: Form A*
	13. Creating Picture Charts	25. Alternate Test: Form B*
	14. Sparklines	26. Glossary and Credits

Unit 4: Microsoft® Access® Database Basics		
Assignments		
Office 2010 Applications II	1. What is a Database and Its Uses?	19. Importing Data from an Excel File
	2. Database Design	20. Sorting and Filtering
	3. Field Names, Data Types, and Properties	21. Creating Relationships
	4. Project: Designing a Customer Information Database	22. Project: Creating Customer Information Database
	5. Quiz 1: Database Design	23. Quiz 3: Creating an Access Database
	6. Alternate Quiz 1: Form A: Database Design*	24. Alternate Quiz 3: Form A: Creating an Access Database*
	7. Alternate Quiz 1: Form B: Database Design*	25. Alternate Quiz 3: Form B: Creating an Access Database*
	8. The Access Screen	26. Project: Designing an Address List Database*
	9. Navigating in Table Datasheets, Forms, and Reports	27. Project: Creating an Address List Database*
	10. Working in the Navigation Pane	28. Project: Designing and Creating an Inventory Database*
	11. Save Options and Compact and Repair	29. Special Project*
	12. Project: Managing the Access Environment	30. Review
	13. Quiz 2: Managing the Access Environment	31. Test
	14. Alternate Quiz 2: Form A: Managing the Access Environment*	32. Alternate Test: Form A*
	15. Alternate Quiz 2: Form B: Managing the Access Environment*	33. Alternate Test: Form B*
	16. Creating an Access Database and Table	34. Glossary and Credits
	17. Entering Data	
	18. Modifying a Table	

Unit 5: Microsoft® Access® Forms, Queries, and Reports

Assignments

- | | |
|---|--|
| 1. Creating Forms | 20. Sorting and Filtering Records in a Report |
| 2. Editing the Design of a Form | 21. Creating Multi-table Reports |
| 3. Creating Multi-table Forms | 22. Editing the Design of a Multi-Table Report |
| 4. Editing Multi-table Forms | 23. Project: Address List Reports |
| 5. Project: Address List Forms | 24. Quiz 3: Microsoft Access Reports |
| 6. Quiz 1: Microsoft Access Forms | 25. Alternate Quiz 3: Form A: Microsoft Access Reports* |
| 7. Alternate Quiz 1: Form A: Microsoft Access Forms* | 26. Alternate Quiz 3: Form B: Microsoft Access Reports* |
| 8. Alternate Quiz 1: Form B: Microsoft Access Forms* | 27. Project: Creating Forms for the Address List Database* |
| 9. Creating Simple Queries | 28. Project: Creating Queries for the Address List Database* |
| 10. Creating Advanced Queries | 29. Project: Creating Reports for the Address List Database* |
| 11. Creating Multi-table Queries | 30. Special Project* |
| 12. Calculating Totals in a Query | 31. Review |
| 13. Creating Calculated Fields in a Query | 32. Test |
| 14. Project: Address List Queries | 33. Alternate Test: Form A* |
| 15. Quiz 2: Microsoft Access Queries | 34. Alternate Test: Form B* |
| 16. Alternate Quiz 2: Form A: Microsoft Access Queries* | 35. Glossary and Credits |
| 17. Alternate Quiz 2: Form B: Microsoft Access Queries* | |
| 18. Creating Reports | |
| 19. Editing the Design of a Report | |

Unit 6: Course Review, and Exam

Assignments

- | | |
|-----------|----------------------------------|
| 1. Review | 3. Alternate Final Exam: Form A* |
| 2. Test | 4. Alternate Final Exam: Form B* |

Office 2013 Applications I

Office 2013 Applications I is a semester-length, high school elective that explores the use of application skills in Microsoft® Word®, Publisher®, and PowerPoint® 2013. Students will use these applications to design, develop, create, edit, and share business documents, publications, and presentations. This course provides key knowledge and skills in the following Microsoft Office® applications:

1. Microsoft Word: Students are provided with an introduction to advanced skills in Microsoft Word that range from simply developing an understanding of the various uses of Word to more complex explorations of mail merge, tab stops, reference resources, and additional features available in backstage view.
2. Microsoft Publisher: Students learn to create publications, insert and edit publication items, and view, review, and share those publications.
3. Microsoft PowerPoint: Students will learn how to create presentations, enter and modify content, modify and deliver presentations, and collaborate and share PowerPoint presentations.

Objectives

- Create, modify, save, and format styles, text, font, pages, and folders in Microsoft Word.
- Demonstrate use of the Cut, Copy, and Paste commands and the Show/Hide button while editing documents.
- Show how to use Spell Check, Find and Replace, and AutoCorrect in the Word application.
- Know how to track changes and add comments in a document.
- Demonstrate how to insert, format, modify, and edit elements of a Word document.
- Demonstrate knowledge of Microsoft Word advanced skills.
- Understand the basics of references in Word.
- Modify document properties including templates.
- Recognize how to navigate, modify, edit, and review elements of the Microsoft Publisher application.
- Recall how to print and share a publication electronically.
- Demonstrate knowledge of how to open, modify, insert, create, present, and save elements of a PowerPoint presentation.

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Unit 1: Microsoft® Word® Beginning Skills

Assignments

- | | | | | |
|----------------------------|-----|--|-----|---|
| Office 2013 Applications I | 1. | Course Overview | 16. | Backgrounds and Themes |
| | 2. | Microsoft Word and the Documents it can Create | 17. | Project: Microsoft Word Page and Paragraph Formatting |
| | 3. | Navigating the Word Screen | 18. | Quiz 3: Formatting Paragraphs and Pages |
| | 4. | Open, Enter Text, Save and Print | 19. | Alternate Quiz 3—Form A: Formatting Paragraphs and Pages* |
| | 5. | Quiz 1: Word Introduction | 20. | Alternate Quiz 3—Form B: Formatting Paragraphs and Pages* |
| | 6. | Alternate Quiz 1—Form A: Word Introduction* | 21. | Project: Unit 1 - Capstone |
| | 7. | Alternate Quiz 1—Form B: Word Introduction* | 22. | Special Project* |
| | 8. | Font: Basic Editing Features | 23. | Review |
| | 9. | Font Styles and the Clipboard | 24. | Test |
| | 10. | Project: Microsoft Word Document Formatting | 25. | Alternate Test—Form A* |
| | 11. | Quiz 2: Formatting Font | 26. | Alternate Test—Form B* |
| | 12. | Alternate Quiz 2—Form A: Formatting Font* | 27. | Glossary and Credits |
| | 13. | Alternate Quiz 2—Form B: Formatting Font* | | |
| | 14. | Paragraph Formatting Features | | |
| | 15. | Page Setup Features | | |

Unit 2: Microsoft® Word® Intermediate Skills

Assignments

- | | | |
|----------------------------|---|---|
| Office 2013 Applications I | 1. Inserting Images into Documents | 14. Spell Check and Find and Replace |
| | 2. Inserting Shapes, SmartArt and Text Boxes | 15. Insert Comments and Track Changes |
| | 3. Special Parts in the Word Application | 16. Autocorrect Options |
| | 4. Project: Inserting and Modifying Content | 17. Project: Review Tab Skills |
| | 5. Quiz 1: Word Intermediate Skills | 18. Quiz 3: Autocorrect Options |
| | 6. Alternate Quiz 1—Form A: Word Intermediate Skills* | 19. Alternate Quiz 3—Form A: Autocorrect Options* |
| | 7. Alternate Quiz 1—Form B: Word Intermediate Skills* | 20. Alternate Quiz 3—Form B: Autocorrect Options* |
| | 8. Inserting Tables | 21. Project: Collaborating on a Word Document* |
| | 9. Organizing Content in Tables | 22. Project: Unit 2 - Capstone |
| | 10. Project: Tables | 23. Special Project* |
| | 11. Quiz 2: Working with Tables | 24. Review |
| | 12. Alternate Quiz 2—Form A: Working with Tables* | 25. Test |
| | 13. Alternate Quiz 2—Form B: Working with Tables* | 26. Alternate Test—Form A* |
| | | 27. Alternate Test—Form B* |
| | | 28. Glossary and Credits |

Unit 3: Microsoft® Word® Advanced Skills		
Office 2013 Applications I	Assignments	
	1. Recording a Macro	16. Share, Protect, and Modify Document Properties
	2. Project: Record a Macro	17. Using and Creating a Template
	3. Merging to Create Letters	18. Project: Creating a document template
	4. Project: Creating a Merge	19. Quiz 3: Backstage View
	5. Quiz 1: Word Advanced Skills	20. Alternate Quiz 3—Form A: Backstage View*
	6. Alternate Quiz 1—Form A: Word Advanced Skills*	21. Alternate Quiz 3—Form B: Backstage View*
	7. Alternate Quiz 1—Form B: Word Advanced Skills*	22. Project: Unit Simulation*
	8. Endnotes and Footnotes	23. Project: Unit 3 – Capstone
	9. Citations and Captions	24. Special Project*
	10. Hyperlinks	25. Review
	11. Table of Contents	26. Test
	12. Project: Inserting Special Report Features	27. Alternate Test—Form A*
	13. Quiz 2: References	28. Alternate Test—Form B*
	14. Alternate Quiz 2—Form A: References*	29. Glossary and Credits
	15. Alternate Quiz 2—Form B: References*	

Unit 4: Microsoft® Publisher® Application		
Office 2013 Applications I	Assignments	
	1. Opening and Navigating Publisher	14. Project: Modify and Share a Publication
	2. Designing Pages	15. Quiz 2: Publications
	3. Inserting Text	16. Alternate Quiz 2—Form A: Publications*
	4. Project: Open Publisher, Browse, and Select a Template	17. Alternate Quiz 2—Form B: Publications*
	5. Quiz 1: Publisher	18. Project: Design, Edit and Share a Publication
	6. Alternate Quiz 1—Form A: Publisher*	19. Project: Unit 4 - Capstone
	7. Alternate Quiz 1—Form B: Publisher*	20. Special Project*
	8. Graphics	21. Review
	9. Tables and Building Blocks	22. Test
	10. Project: Inserting Enhancements	23. Alternate Test—Form A*
	11. Viewing a Publication	24. Alternate Test—Form B*
	12. Reviewing a Publication	25. Glossary and Credits
	13. Sharing and Printing Publications	

Office 2013 Applications I

Unit 5: Microsoft® PowerPoint® Application			
Assignments			
1.	PowerPoint Layout and Modifying Views	15.	Saving, Printing, Sharing, and Protecting a Presentation
2.	Entering Text and Formatting Slides	16.	Project: Simulation: Modify, Share, and Deliver a Show
3.	Quiz 1: PowerPoint Layout and Views	17.	Quiz 3: Modify, Share, Deliver a Show
4.	Alternate Quiz 1—Form A: PowerPoint Layout and Views*	18.	Alternate Quiz 3—Form A: Modify, Share, Deliver a Show*
5.	Alternate Quiz 1—Form B: PowerPoint Layout and Views*	19.	Alternate Quiz 3—Form B: Modify, Share, Deliver a Show*
6.	Images, WordArt, and SmartArt	20.	Project: Simulation: Design and Create a Presentation
7.	Charts and Tables	21.	Project: Unit 5 - Capstone
8.	Project: Simulation: Creating a Presentation	22.	Special Project*
9.	Quiz 2: Charts and Tables	23.	Review
10.	Alternate Quiz 2—Form A: Charts and Tables*	24.	Test
11.	Alternate Quiz 2—Form B: Charts and Tables*	25.	Alternate Test—Form A*
12.	Transitions and Animations	26.	Alternate Test—Form B*
13.	Set up Show and Timings	27.	Glossary and Credits
14.	Presentation Tools		

Unit 6: Course Review, and Final Exam	
Assignments	
1.	Course Review
2.	Final Exam
3.	Alternate Final Exam: Form A*
4.	Alternate Final Exam: Form B*

Office 2013 Applications II

Office 2013 Applications II is a semester-length, high school elective course that explores the use of application skills in the 2013 versions of Microsoft® Excel® and Microsoft® Access®. Students will use these applications to design, develop, create, edit, and share business spreadsheet and database documents. This course provides key knowledge and skills in the following areas:

1. Introduction to advanced skills in Microsoft® Excel® ranging from basic spreadsheet terminology to exploring data entry, formatting, formulas, functions, charts, graphics, and additional features available in backstage view
2. Skills in Microsoft® Access®, ranging from basic relational database terminology to creating and modifying tables, forms, queries, and reports

Objectives

- Recognize the elements of an Excel spreadsheet.
- Demonstrate use of Excel navigation and protection tools.
- Know how to modify, edit, save, create, and format Excel spreadsheets.
- Use tools to manage Excel worksheets.
- Define the rules for creating formulas and functions in Excel worksheets.
- Demonstrate how to create, modify, and edit charts and shapes in Microsoft Excel.
- Demonstrate knowledge of database design.
- Manage the Access Environment.
- Create an Access database.
- Create, modify, and edit Access forms, queries, and reports.

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Unit 1: Microsoft® Excel® Spreadsheets Basics	
Office 2013 Applications II	Assignments
	1. Course Overview
	2. What is a Spreadsheet and What Are Its Uses?
	3. Spreadsheet Design and the Microsoft Excel Screen
	4. Quiz 1: Overview of Spreadsheet Basics
	5. Alternate Quiz 1—Form A: Overview of Spreadsheet Basics*
	6. Alternate Quiz 1—Form B: Overview of Spreadsheet Basics*
	7. Navigating in a Worksheet
	8. Microsoft Excel Workbook Views
	9. Microsoft Excel Window Views
	10. Project: Managing the Worksheet Environment
	11. Quiz 2: Spreadsheet Basics
	12. Alternate Quiz 2—Form A: Spreadsheet Basics*
	13. Alternate Quiz 2—Form B: Spreadsheet Basics*
	14. Workbook Properties
	15. Saving and File Formats
	16. Sharing Worksheet Data with Other Users
	17. Managing Comments
	18. Printing Worksheets and Workbooks
	19. Project: Saving and Printing Microsoft Excel Files
	20. Quiz 3: Managing File Settings
	21. Alternate Quiz 3—Form A: Managing File Settings*
	22. Alternate Quiz 3—Form B: Managing File Settings*
	23. Supplemental Lesson 1: Financial Terms*
	24. Supplemental Lesson 2: Financial Statements*
	25. Special Project*
	26. Review
	27. Test
	28. Alternate Test—Form A*
	29. Alternate Test—Form B*
	30. Glossary and Credits

Unit 2: Creating Microsoft® Excel® Spreadsheets		
Office 2013 Applications II	Assignments	
	1. Microsoft Excel Data Types	21. Alternate Quiz 3—Form A: Creating Formulas*
	2. Entering and Editing Cell Data	22. Alternate Quiz 3—Form B: Creating Formulas*
	3. Selecting, Filling, Moving, and Copying Cell Data	23. Functions in Microsoft Excel
	4. AutoFill	24. Function Wizard and Linking Formulas
	5. Project: Stock Market Project Part 1 – Researching and Recording Stock Prices	25. Analyzing Data by Sorting and Filtering
	6. Quiz 1: Data Entry	26. Project: Stock Market Project 4 – Entering Functions
	7. Alternate Quiz 1—Form A: Data Entry*	27. Quiz 4: Utilizing Functions and Data Commands
	8. Alternate Quiz 1—Form B: Data Entry*	28. Alternate Quiz 4—Form A: Utilizing Functions and Data Commands*
	9. Cell Formats	29. Alternate Quiz 4—Form B: Utilizing Functions and Data Commands*
	10. Editing Cells, Rows, and Columns	30. Project: Budget Project – Career Search
	11. Managing Worksheets	31. Project: Budget Project – Housing Research
	12. Project: Stock Market Project 2 – Formatting a Spreadsheet	32. Project: Budget Project – Vehicle Research
	13. Quiz 2: Formatting Cells and Worksheets	33. Project: Budget Project – Utilities, Vacation, and Miscellaneous Expense Research*
	14. Alternate Quiz 2—Form A: Formatting Cells and Worksheets*	34. Project: Budget Project – Final
	15. Alternate Quiz 2—Form B: Formatting Cells and Worksheets*	35. Special Project*
	16. Order of Operations	36. Review
	17. Microsoft Excel Formulas	37. Test
	18. Types of Cell References in Formulas	38. Alternate Test—Form A*
	19. Project: Stock Market Project 3 – Entering Formulas	39. Alternate Test—Form B*
	20. Quiz 3: Creating Formulas	40. Glossary and Credits
Unit 3: Microsoft® Excel® Graphical Representations		
Office 2013 Applications II	Assignments	
	1. Why Use Graphical Representations of Data?	15. Project: Stock Market Project Part 6 – Creating Advanced Charts
	2. Creating Charts	16. Quiz 3: Advanced Charting Options
	3. Quiz 1: Creating Charts in Microsoft Excel	17. Alternate Quiz 3—Form A: Advanced Charting Options*
	4. Alternate Quiz 1—Form A: Data Entry*	18. Alternate Quiz 3—Form B: Advanced Charting Options*
	5. Alternate Quiz 1—Form B: Data Entry*	19. Project: Research and Chart Product Price Comparisons*
	6. Formatting Charts	20. Project: Chart Budget Expenses*
	7. Enhancing Charts with Illustrations	21. Special Project*
	8. Formatting Illustrations	22. Review
	9. Project: Stock Market Project Part 5 – Creating and Enhancing Charts	23. Test
	10. Quiz 2: Enhancing Microsoft Excel Charts	24. Alternate Test—Form A*
	11. Alternate Quiz 2—Form A: Enhancing Microsoft Excel Charts*	25. Alternate Test—Form B*
	12. Alternate Quiz 2—Form B: Enhancing Microsoft Excel Charts*	26. Glossary and Credits
	13. Creating Picture Charts	
	14. Sparklines	

Unit 4: Microsoft® Access® Database Basics		
Office 2013 Applications II	Assignments	
	1. What is a Database and Its Uses?	18. Modifying a Table
	2. Database Design	19. Importing Data from an Excel File
	3. Field Names, Data Types, and Properties	20. Sorting and Filtering
	4. Project: Designing a Customer Information Database	21. Creating Relationships
	5. Quiz 1: Database Design	22. Project: Creating a Customer Information Database
	6. Alternate Quiz 1—Form A: Database Design*	23. Quiz 3: Creating an Access Database
	7. Alternate Quiz 1—Form B: Database Design*	24. Alternate Quiz 3—Form A: Creating an Access Database*
	8. The Access Screen	25. Alternate Quiz 3—Form B: Creating an Access Database*
	9. Navigating in Table Datasheets, Forms, and Reports	26. Project: Designing an Address List Database*
	10. Working in the Navigation Pane	27. Project: Creating an Address List Database*
	11. Save Options and Compact and Repair	28. Project: Designing and Creating an Inventory Database*
	12. Project: Managing the Access Environment	29. Special Project*
	13. Quiz 2: Managing the Access Environment	30. Review
	14. Alternate Quiz 2—Form A: Managing the Access Environment*	31. Test
	15. Alternate Quiz 2—Form B: Managing the Access Environment*	32. Alternate Test—Form A*
	16. Creating an Access Database and Table	33. Alternate Test—Form B*
	17. Entering Data	34. Glossary and Credits

Unit 5: Microsoft® Access® Forms, Queries, and Reports		
Office 2013 Applications II	Assignments	
	1. Creating Forms	20. Sorting and Filtering Records in a Report
	2. Editing the Design of a Form	21. Creating Multi-table Reports
	3. Creating Multi-table Forms	22. Editing the Design of a Multi-Table Report
	4. Editing Multi-table Forms	23. Project: Address List Reports
	5. Project: Address List Forms	24. Quiz 3: Microsoft Access Reports
	6. Quiz 1: Microsoft Access Forms	25. Alternate Quiz 3—Form A: Microsoft Access Reports*
	7. Alternate Quiz 1—Form A: Microsoft Access Forms*	26. Alternate Quiz 3—Form B: Microsoft Access Reports*
	8. Alternate Quiz 1—Form B: Microsoft Access Forms*	27. Project: Creating Forms for the Address List Database*
	9. Creating Simple Queries	28. Project: Creating Queries for the Address List Database*
	10. Creating Advanced Queries	29. Project: Creating Reports for the Address List Database*
	11. Creating Multi-table Queries	30. Special Project*
	12. Calculating Totals in a Query	31. Review
	13. Creating Calculated Fields in a Query	32. Test
	14. Project: Address List Queries	33. Alternate Test—Form A*
	15. Quiz 2: Microsoft Access Queries	34. Alternate Test—Form B*
	16. Alternate Quiz 2—Form A: Microsoft Access Queries*	35. Glossary and Credits
	17. Alternate Quiz 2—Form B: Microsoft Access Queries*	
	18. Creating Reports	
	19. Editing the Design of a Report	

Unit 6: Course Review, and Final Exam		
	Assignments	
	1. Course Review	3. Alternate Final Exam: Form A*
	2. Final Exam	4. Alternate Final Exam: Form B*

Small Business Entrepreneurship

This semester-long course is designed to provide the skills needed to effectively organize, develop, create, and manage your own business, while exposing you to the challenges, problems, and issues faced by entrepreneurs. Throughout this course, you will be given the chance to see what kinds of opportunities exist for small business entrepreneurs and become aware of the necessary skills for running a business. You will become familiar with the traits and characteristics that are found in successful entrepreneurs, and you will see how research, planning, operations, and regulations can affect small businesses. You will learn how to develop plans for having effective business management and marketing strategies.

Small Business Entrepreneurship will teach you basic principles of entrepreneurship and business ethics. You'll look at the major steps relevant to starting a new business. These steps include financing, marketing, and managing. Knowing how to analyze a business plan will help you develop one, while at the same time making it easier for you to understand the reasons businesses have to write one. Small Business Entrepreneurship is designed to give you an overview on running a business from start to finish.

Objectives

- Understand the basic aspects of entrepreneurship.
- Recognize the legal environment of a small business.
- Describe basic economic principles.
- Understand scarcity and forecasting.
- Identify different kinds of costs.
- Explain the principles of financing.
- Identify kinds of financial records.
- Know the sources of financing.
- Explain target markets.
- Analyze market research and competition.
- Describe marketing mix.
- Recognize the roles of management.
- Construct a business plan.

Students must be computer literate and have Internet access. Students should have basic research skills, as well as the ability to conduct online searches and access recommended websites. Word processing and presentation software may be required to produce projects.

Unit 1: Overview of Small Business Entrepreneurship	
Assignments	
1. Course Overview	15. Project: Business Risks
2. What Is Entrepreneurship?	16. Sources of Assistance
3. Entrepreneurial Traits	17. Roles of Government
4. Project: Characteristics of Successful Entrepreneurs	18. Quiz 2: Legal Environment of a Small Business
5. Education, Aptitudes, and Skills	19. Alternate Quiz 2 - Form A: Legal Environment of a Small Business*
6. Goals	20. Alternate Quiz 2 - Form B: Legal Environment of a Small Business*
7. Personal Interests	21. Unit Project: Business Ventures - Part 1
8. Quiz 1: Basic Aspects of Entrepreneurship	22. Special Project*
9. Alternate Quiz 1 - Form A: Basic Aspects of Entrepreneurship*	23. Review
10. Alternate Quiz 1 - Form B: Basic Aspects of Entrepreneurship*	24. Test
11. Ethics	25. Alternate Test - Form A*
12. Project: Ethics	26. Alternate Test - Form B*
13. Legal Forms of Business Ownership	27. Glossary and Credits
14. Business Risks	

Unit 2: Economics		
Assignments		
Small Business Entrepreneurship	1.	What Is the Role and Importance of Small Business Entrepreneurship in the Economy?
	2.	Project: How Entrepreneurs Improve the Economy
	3.	Supply and Demand
	4.	Pricing and Production
	5.	Project: Supply and Demand Graph
	6.	Equilibrium
	7.	Project: Equilibrium Graph
	8.	Quiz 1: Basic Economic Principles
	9.	Alternate Quiz 1 - Form A: Basic Economic Principles*
	10.	Alternate Quiz 1 - Form B: Basic Economic Principles*
	11.	Scarcity
	12.	Economic Measurement
	13.	Project: Economic Forecast
	14.	Quiz 2: Scarcity and Forecasting
	15.	Alternate Quiz 2 - Form A: Scarcity and Forecasting*
	16.	Alternate Quiz 2 - Form B: Scarcity and Forecasting*
	17.	Fixed and Variable Costs
	18.	Opportunity Costs
	19.	Project: Opportunity Costs
	20.	Profit Motive
	21.	Quiz 3: Costs
	22.	Alternate Quiz 3 - Form A: Costs*
	23.	Alternate Quiz 3 - Form B: Costs*
	24.	Unit Project: Business Ventures - Part 2
	25.	Special Project*
	26.	Review
	27.	Test
	28.	Alternate Test - Form A*
	29.	Alternate Test - Form B*
	30.	Glossary and Credits

Unit 3: Financing		
Small Business Entrepreneurship	Assignments	
	1. Start-Up Costs	16. Alternate Quiz 2 - Form B: Financial Records*
	2. Costs of Goods Sold	17. Sources of Financing
	3. Operating Expenses	18. Assess Collateral
	4. Gross Income, Net Income, and Break-Even Point	19. Project: Financing Sources
	5. Quiz 1: Principles of Financing	20. Interest Rate and Monthly Payments
	6. Alternate Quiz 1 - Form A: Principles of Financing*	21. Quiz 3: Sources of Financing
	7. Alternate Quiz 1 - Form B: Principles of Financing*	22. Alternate Quiz 3 - Form A: Sources of Financing*
	8. Income Statement	23. Alternate Quiz 3 - Form B: Sources of Financing*
	9. Project: Income Statement	24. Unit Project: Business Ventures - Part 3
	10. Balance Sheet	25. Special Project*
	11. Project: Balance Sheet	26. Review
	12. Profitability and Projecting Cash Flow	27. Test
	13. Project: Financial Records	28. Alternate Test - Form A*
	14. Quiz 2: Financial Records	29. Alternate Test - Form B*
	15. Alternate Quiz 2 - Form A: Financial Records*	30. Glossary and Credits

Unit 4: Marketing		
Small Business Entrepreneurship	Assignments	
	1. Analyze a Market's Customers	15. Marketing Terminology
	2. Target Market	16. Marketing Functions
	3. Project: Target Market	17. 4P's and 7P's
	4. Quiz 1: Target Markets	18. Project: Marketing Mix
	5. Alternate Quiz 1 - Form A: Target Markets*	19. Project: Promotion
	6. Alternate Quiz 1 - Form B: Target Markets*	20. Marketing Plan
	7. Steps of Market Research	21. Quiz 3: Marketing Mix
	8. Uses for Market Research	22. Alternate Quiz 3 - Form A: Marketing Mix*
	9. Project: Current Event - Market Research	23. Alternate Quiz 3 - Form B: Marketing Mix*
	10. Project: Assessing Competitors' Strengths and Weaknesses	24. Unit Project: Business Ventures - Part 4
	11. Industry Characteristics	25. Special Project*
	12. Quiz 2: Market Research and Competition	26. Review
	13. Alternate Quiz 2 - Form A: Market Research and Competition*	27. Test
	14. Alternate Quiz 2 - Form B: Market Research and Competition*	28. Alternate Test - Form A*
		29. Alternate Test - Form B*
		30. Glossary and Credits

Unit 5: Management and Business Plans		
Small Business Entrepreneurship	Assignments	
	1. Functions of Management	14. Project: Analyze a Business Plan - Part 3
	2. Project: Leadership Styles	15. Project: Analyze a Business Plan - Part 4
	3. Organization Structure	16. Quiz 2: Business Plan
	4. Project: Organizational Chart	17. Alternate Quiz 2 - Form A: Business Plan*
	5. Regulations to Protect Employees	18. Alternate Quiz 2 - Form B: Business Plan*
	6. Quiz 1: Management	19. Unit Project: Business Ventures - Part 5
	7. Alternate Quiz 1 - Form A: Management*	20. Special Project*
	8. Alternate Quiz 1 - Form B: Management*	21. Review
	9. Business Plan	22. Test
	10. Project: Business Plan	23. Alternate Test - Form A*
	11. Project: Business Plan Sources	24. Alternate Test - Form B*
	12. Project: Analyze a Business Plan - Part 1	25. Glossary and Credits
	13. Project: Analyze a Business Plan - Part 2	
Unit 6: Course Review, and Exam		
	Assignments	
	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*

Introduction to Careers in Education and Training

The Introduction to Careers in Education and Training course will introduce students to the field of education and training, and the opportunities available for early-childhood care, primary school, secondary school, higher education, vocational training, and adult and continuing education. The students will gain an understanding of the career options available in teaching, administrative work, and support services. They will also explore the education and background experience needed to succeed in these careers.

Students will learn about the evolution of the modern educational system in the United States, and the policies and laws that govern educational institutions. They will also discover the similarities and differences between the ethical and legal obligations of working with adults versus working with children.

Students will learn about the skills needed to be effective communicators. They will also learn how to differentiate between different types of learning theories, and they will explore how to implement current principles from educational psychology into the classroom.

Students will also learn how to create a safe and healthy learning environment. They will discover the federal laws and agencies that set health-and-safety standards, and they will learn how these regulations are enforced in the workplace.

The objective of this course is to introduce the student to the field of education and training, and to explain the career opportunities that are available in this field.

Objectives

- Apply communication skills with students, parents, and other groups to enhance learning and a commitment to learning.
- Demonstrate critical-thinking skills while processing educational communications, perspectives, policies, and/or procedures.
- Categorize risks to safety, health, and the environment in education and training settings.
- Demonstrate group-collaboration skills to enhance professional education and training practice.
- Analyze ethical and legal policies of professional education and training practice.
- Describe legal rights that apply to individuals and practitioners within education and training settings.
- Define state and federal professional development requirements to maintain employment and to advance in an education and training career.
- Apply organizational skills and logic to enhance professional education and training practice.
- Demonstrate group-management skills that enhance professional education and training practice.

Intro. to Careers in Education and Training	Unit 1: Education and Training: Historical Perspectives, Introduction and Critical Skills	
	Assignments	
	1. Course Overview	10. Overcoming Communication Barriers
	2. Historical Foundations of Education and Training	11. Educational Funding Opportunities to Improve Schools
	3. Project: What Did Children Learn	12. Project: Write an Educational Grant Proposal
	4. Current Trends and Social, Political, and Economic Goals of Education and Training	13. Quiz 2: Communication Skills in Education and Training
	5. Overview of Careers in Education and Training	14. Special Project*
	6. Project: Create a Job Advertisement	15. Test
	7. Quiz 1: Education and Training: Historical Perspectives, Introduction, and Critical Skills	16. Course Project Part 1: You are the Teacher*
	8. Communication Skills 101	17. Glossary and Credits
	9. Project: Evaluate Communication Skills	
	Unit 2: Learning Styles and Collaborative Learning	
	Assignments	
	1. Learning and Learning Theories	10. Careers in Instructional Design
	2. Project: Write a Classroom Activity	11. Project: Write a Resume for an Instructional Designer
	3. How to Encourage Students To Want To Learn	12. Quiz 2: Collaborative Learning and Group Skills in Education and Training
	4. How to Encourage Students to Think about Their Thinking	13. Special Project*
	5. Project: Develop Your Metacognitive Skills	14. Test
	6. Quiz 1: Cognition and Learning	15. Course Project Part 2: Design a Student Activity*
	7. Group Dynamics	16. Glossary and Credits
	8. Project: Diagram your Groups	
	9. When Teachers and Students Learn Together	
Intro. to Careers in Education and Training	Unit 3: Educational Policy and Human Resource Development	
	Assignments	
	1. Careers in Educational Research and Policy	9. Meeting Models
	2. Project: Investigate Career Options	10. Careers in Human Resources Development
	3. Federal Policies on Primary and Secondary Education	11. Project: Design Your Undergraduate Curriculum
	4. Federal Policies on Adult Education	12. Quiz 2: Human Resource Development
	5. Project: Create an Informational Poster	13. Special Project*
	6. Quiz 1: Perspectives in Educational Policy	14. Test
	7. Conflict Management and Resolution	15. Course Project Part 3: Resolve Potential Conflicts*
	8. Project: Design a Conflict Resolution Pamphlet	16. Glossary and Credits

Intro. to Careers in Education and Training	Unit 4: Ethical and Legal Policies of Careers in Education and Training	
	Assignments	
	1. Legal Responsibilities of Working with Children and Adolescents	9. Ethics in Higher Education
	2. Project: The People Behind the Laws	10. Careers in Higher Education
	3. Ethical Responsibilities in Education and Training	11. Project: Biography of a College President
	4. Careers in Social Work, Psychology, and School Counseling	12. Quiz 2: Ethical and Legal Responsibilities of Working with Adults
	5. Project: Interview a Professional	13. Special Project*
	6. Quiz 1: Ethical and Legal Responsibilities of Working with Children and Adolescents	14. Test
	7. Laws Governing Higher Education	15. Course Project Part 4: Research Local, State, and Federal Education Laws*
	8. Project: Research a School's Financial Aid Options	16. Glossary and Credits
	Unit 5: Health and Safety in Education and Training	
	Assignments	
	1. Health and Safety Regulations in Early Child-care Settings	9. Training for Health and Safety in the Workplace
	2. Project: Create an Informational Brochure	10. Careers in Health and Safety
	3. Health and Safety Regulations in Kâ€12 Schools	11. Project: Create a Chart Comparing Careers in Health and Safety
	4. Careers in Health and Safety in Schools	12. Quiz 2: Health and Safety in the Workplace
	5. Project: Write a School Newspaper Article that Highlights the Contributions of School Health and Safety Personnel	13. Special Project*
	6. Quiz 1: Health and Safety in the School Setting	14. Test
	7. Health and Safety Regulations in the Workplace	15. Course Project Part 5: Design a Safe and Healthy Learning Space*
	8. Project: Create an Informational Poster	16. Glossary and Credits
	Unit 6: Course Project, Review, and Exam	
	Assignments	
	1. Course Project Part 6: Write an Educational Grant Proposal *	2. Review
		3. Exam

Teaching and Training Careers

This course introduces students to the art and science of teaching. It provides a thorough exploration of pedagogy, curriculum, standards and practices, and the psychological factors shown by research to affect learners. In five units of study, lessons, and projects, students engage with the material through in-depth exploration and hands-on learning, to prepare them for teaching and training careers. Students are given many opportunities to be the teacher or trainer, and to explore the tasks, requirements, teaching strategies, and research-based methods that are effective and high-quality.

Unit One provides foundational information on the evolution of education, educational formats, learning theories and theorists, and the interconnectedness of knowledge areas in teaching and training careers. In Unit Two, students become teachers, creating courses and lesson plans to standards, in their exploration of instructional design and planning. They investigate resources and types of materials teachers select, use, and create.

Unit Three focuses on classroom strategies, as students role-play in simulations to devise methods of handling classroom issues and engage individual learners. They assess student and teacher performance through assessments themselves, examining the effectiveness of various methods. Unit Four focuses on the importance of a positive environment, as evidenced through research, and students identify elements that achieve this outcome. Students contrast inclusion-based education with previous instructional models from educational history. Unit Five completes the 30 lesson segments with student investigation of data collection; rankings; student records; and how data is collected, compiled, used, and stored. Students research outreach methods and accountability regulations and practices, to see how data use affects community standing and relationships, policy reform, and school reputation.

Students complete the course with a comprehensive knowledge of what is required in educational qualifications, preparing for, obtaining, and excelling in a teaching and training career they are encouraged to determine for themselves. They gain an informed awareness of research-based methods, effective strategies, the needs of individual learners, and the challenges teachers and trainers face in today's educational landscape.

Objectives

- Categorize uses of statistics, evaluations, and reports.
- Compare learning styles and effective tools.
- Compare presentation and preparation attributes of teaching with other professions.
- Compare training and teaching goals and learning strategies.
- Identify components or types of lesson segments.
- Argue the importance of engaged learners and a positive environment.
- Describe the benefits of inclusive classrooms.
- Describe the importance of well-planned lessons for holding attention.
- Describe knowledge areas in training in contrast to teaching.
- Describe learning theory and theorists.
- Describe research on individual learners and school readiness.
- Describe teaching styles and lesson planning.
- Differentiate training pedagogy from that of teaching.
- Evaluate the needs of individual learners.
- Identify teacher-parent interactions.
- Identify the value of effective teaching styles.
- Summarize the effectiveness of balanced lesson flow.
- Summarize the evolution of learning theories.
- Summarize factors important to adult learning.
- Summarize factors in classroom environments that affect learning.
- Summarize the theory of multiple intelligences.
- Summarize ways in which materials assist individual learners.
- Summarize Worldviews in learning theory.

Teaching and Training Careers	Unit 1: Foundations of Pedagogy	
	Assignments	
	1. Course Overview	10. Assessing Instructional Standards
	2. Educational Knowledge Areas	11. Individual Learning in Standardized Classrooms
	3. Project: Your Pet Theory	12. Project: Classroom Anecdotes as Research
	4. Learning Theories and Student Experiences	13. Quiz 2: Standards and Standardized Learning
	5. The Difference Between Teaching and Training	14. Special Project*
	6. Project: Training Day	15. Test
	7. Quiz 1: History, Learning Theories and Theorists	16. Course Project Part 1: Your Educational Approach*
	8. Defining Instructional Standards	17. Glossary and Credits
	9. Project: Pick a Subject and Plan a Class to Standards	
	Unit 2: Planning and Preparing a Lesson	
	Assignments	
	1. Creating the Lesson Plan	10. Project: Explore Teacher-Created Materials
	2. Project: Build Your Lesson Plan	11. Resources: Evaluating the Source
	3. Revising Lesson Plans for Effectiveness	12. Quiz 2: Curriculum Resources
	4. Project: Revise Your Lesson Plan	13. Special Project*
	5. Using Bloom's Taxonomy	14. Test
	6. Quiz 1: The Lesson Plan	15. Course Project Part 2: Your Daily Plan as a Teacher*
	7. Choosing and Using Resources: Textbooks	16. Glossary and Credits
	8. Project: Find a Great Textbook for Your Class	
	9. Resources: Teacher-Created Materials	
	Unit 3: Delivering and Assessing	
	Assignments	
	1. Teaching Skills for Effective Lessons	9. Types of Assessments
	2. Project: Think Fast!	10. Creating Assessment Activities
	3. Lesson Components for Success	11. Project: Create an Awesome Assessment
	4. Project: Rethink Your Lesson Plan for Successes	12. Quiz 2: Assessments
	5. Active Learning Strategies	13. Special Project*
	6. Quiz 1: Teaching Styles	14. Test
	7. Focus on Assessments	15. Course Project Part 3: You're the Teacher, What's Your Style?*
	8. Project: Research Assessment Requirements in Your State	16. Glossary and Credits

Teaching and Training Careers	Unit 4: Managing the Learning Environment	
	Assignments	
	1. Schools in the Community	9. Improving Learning Environments
	2. Project: A Moment in School History	10. Inclusion of Multiple Intelligences
	3. Developmentally Appropriate Materials	11. Project: Multiple Intelligences in Action
	4. Creating Positive School Environments	12. Quiz 2: Inclusive Classroom Strategies
	5. Project: Create a Positive Environment	13. Special Project*
	6. Quiz 1: School Environments in the Community	14. Test
	7. The Inclusive Classroom	15. Course Project Part 4: Meet the Principal: You!*
	8. Project: The Non-Inclusive Classroom: A Cautionary Tale	16. Glossary and Credits
Teaching and Training Careers	Unit 5: Data and Use in School Relations	
	Assignments	
	1. Keeping Track of Performance	9. Teacher-Parent Communication
	2. Project: School Report Cards and Rankings Check	10. Accountability in Education
	3. Data Collection Systems	11. Project: Accountability Project
	4. Project: Data Collection Systems Hunt	12. Quiz 2: Education Outreach
	5. How Data Affects Policy in Education	13. Special Project*
	6. Quiz 1: Data Collection in Schools	14. Test
	7. Education Advocacy	15. Course Project Part 5: Peer Evaluations*
	8. Project: You're the Advocate	16. Glossary and Credits
	Unit 6: Course Project, Review, and Exam	
	Assignments	
	1. Course Project Part 6: Putting it All Together*	3. Exam
	2. Review	

Introduction to Careers in Finance

The Introduction to Careers in Finance course provides the fundamentals of the financial services industry in the United States and explores the jobs and career opportunities that the industry offers.

- Unit 1 introduces the financial services industry and the financial systems that operate in the US and internationally.
- Unit 2 examines securities markets and investment companies, looks at how companies evaluate and mitigate risk, and discusses the valuation of stocks and bonds.
- Unit 3 discusses the roles and responsibilities of corporate finance and accounting, analysis of financial statements, capital budgeting, and capital structure.
- Unit 4 focuses on banking services, including how the industry is organized and regulated and how risks are managed.
- Unit 5 looks at the insurance industry, including how it is organized and regulated, how it addresses risks, and the career opportunities it offers.

Objectives

- Explain the financial system.
- Evaluate career opportunities in financial services.
- Describe the role of intermediaries in finance.
- Examine and define the key agencies governing US banking and securities industries.
- Characterize the impact of international finance on US financial system regulations.
- Review the attributes of a well-functioning financial system.
- Evaluate the role of regulatory bodies in ensuring compliance with regulations.
- Identify the importance of transparency in the financial system.
- Identify different types of securities and markets.
- Describe how diversification works with risk and return.
- Discuss how to analyze a bond for investment purposes.
- Describe, compare, and apply the main techniques used for equity valuation.
- Analyze the methods used to assess the value of a futures contract.
- Discuss the roles and responsibilities of corporate finance.
- Create a framework to understand the analysis of financial statements.
- Describe how money grows over time when invested through compounding.
- Identify issues affecting the cost of capital.
- Describe the elements of a company's capital structure.
- Explain how a company can use its profits to increase its value.
- Describe the nature, structure, and functions of banking firms.
- Explain how banks mitigate their risks.
- Describe the role of the Federal Reserve in supporting banks.
- Summarize the nature and types of risks faced by businesses and how they use insurance to manage those risks.
- Explain nontraditional risks and how companies address them.
- Summarize the types of jobs and careers offered by insurance companies.
- Discuss the role of state insurance commissioners in regulating insurance companies.

Unit 1: Finance Overview and Financial Services		
Intro. to Careers in Finance	Assignments	
	1. Course Overview	11. Project: The Fiscal Cliff
	2. Introduction to the Financial Services Industry	12. International Finance
	3. Project: Exploring Careers in Financial Services	13. Project: When Financial Services Fail to serve the Consumer
	4. Financial System and Financial Intermediaries	14. Quiz 2: Constantly Changing Financial Systems
	5. Project: Exploring Stock Market Fraud	15. Special Project*
	6. Dynamics of Financial Services Systems	16. Test
	7. Quiz 1: Market Organization and Structure	17. Course Project Part 1: Find the Right Company*
	8. Traits for a Healthy Financial System	18. Glossary and Credits
	9. Project: Mortgage Meltdown	
	10. Financial Regulation and Compliance	
Unit 2: Securities Analysis and Investments		
Intro. to Careers in Finance	Assignments	
	1. Securities Markets and Investment Companies	9. Equity Valuation
	2. Project: When It All Goes Wrong on Wall Street	10. Project: Researching Stock Valuations
	3. Risk and Return, Efficient Diversification	11. Options and Futures Valuation
	4. Introduction to the Financial Services Industry	12. Quiz 2: Securities Valuation
	5. Project: Risk Analysis	13. Special Project*
	6. Quiz 1: Basics of Securities Analysis	14. Test
	7. Bond Valuation	15. Course Project Part 2: Explore Jobs and Careers*
	8. Project: Evaluating Bonds	16. Glossary and Credits
Unit 3: Principles of Corporate Finance		
Intro. to Careers in Finance	Assignments	
	1. Introduction to Financial Statement Analysis	9. Project: Financial Condition of the Energy Industry
	2. Project: Financial Statement Analysis	10. Dividends and Payout Policy
	3. Financial Statement Analysis	11. Project: Effects of the Mortgage Meltdown
	4. Project: Application of Ratio Analysis	12. Quiz 2: Capital Structure
	5. The Time Value of Money	13. Special Project*
	6. Quiz 1: The Finance Function and Financial Reporting and Analysis	14. Test
	7. Capital Budgeting and the Cost of Capital	15. Course Project Part 3: Prepare a Learning Plan*
	8. Financial Leverage and Capital Structure Policy	16. Glossary and Credits
Unit 4: Banking Services		
Intro. to Careers in Finance	Assignments	
	1. Organization and Structure of the Banking Industry	10. Project: Bailing Out Troubled Banks
	2. Project: Bitcoin: A New Approach to Currency	11. Asset-backed Securities, Loan Sales, and Derivatives
	3. Banking Regulation	12. Project: Bank Financial Positions
	4. Project: Exploring the Dodd-Frank Act	13. Quiz 2: Bank Risk Management
	5. Bank Financial Statements and Performance	14. Special Project*
	6. Project: Bank Solvency and Risk Measures	15. Test
	7. Quiz 1: Introduction to Banking	16. Course Project Part 4: Understand Risk*
	8. Managing Liability and Liquidity Risk	17. Glossary and Credits
	9. Managing Deposit Insurance: Bank Capital and Capital Regulation	

Intro. to Careers in Finance	Unit 5: Risk Management and Insurance	
	Assignments	
	1. The Role of Insurance in Addressing Risk	9. Project: Advising the Client on an Annuity.
	2. Project: Keystone: Yes or No?	10. Government Regulation of Insurance
	3. Introduction to Risk Management	11. Project: Client Advice for Health Care Compliance
	4. Project: Risk Assessment and Mitigation	12. Quiz 2: Insurance
	5. Advanced Topics In Risk Management	13. Special Project*
	6. Quiz 1: Risk Management	14. Test
	7. Careers in Insurance	15. Course Project Part 5: Be Aware of Regulations*
	8. Financial Operations of Insurance	16. Glossary and Credits
	Unit 6: Course Project, Review, and Exam	
	Assignments	
	1. Course Project Part 6: Look to the Future*	3. Exam
	2. Review	

Banking Services Careers

The exchange of money in the United States is generally managed with the services of banks and other financial institutions, whose reputations depend greatly on customer satisfaction and trust. Many of the products we use on a daily basis, like checking and savings accounts, debit cards, credit cards, and loans, are the backbone of the banking industry. This course will provide an overview of how the banking system works, what the Federal Reserve is, and the technical and social skills needed to work in banking and related services. Students will explore career paths and the required training or higher education necessary, and will gain an understanding of the basic functions of customer transactions (i.e., setting up an account, processing a loan, or establishing a business), cash drawer activity, check collection processes, and other customer service-related transactions. This course will also discuss how technology has changed banking in the 21st century. The banking industry is responsible for many of the products that we use on a daily basis, from checking and savings accounts to debit cards, credit cards, and loans.

This course will focus on the specific skills related to banking and related services. In addition, you will explore career paths and the required training or higher education preparation necessary to obtain a career in banking and related services. Also, you will gain an understanding of the basic functions of customer transactions, cash drawer activity, check collection processes, and other customer service-related transactions. This course will also discuss how technology has changed the banking and related services industry. Finally, this course will provide an overview of the technical and people skills necessary to aid consumers with setting up an account, processing a loan, or establishing a business.

Objectives

- Examine laws and regulations to manage business operations and transactions in the banking services industry.
- Identify positive, ongoing relationships with banking customers.
- Analyze the use of financial resources to enhance banking performance.
- Demonstrate the use of banking technology and equipment.
- Plan the day-to-day activities within a banking organization to ensure secure operations.
- Evaluate career-planning concepts, tools, and strategies to explore, obtain, and/or develop a career in banking services.
- Label client needs and wants and compose a response through planned, personalized communication to guide purchase decisions and enhance future business opportunities in banking services.

Unit 1: Description of the Banking Industry		
Banking Services Careers	Assignments	
	1. Course Overview	10. Project: Open a New Bank
	2. Overview of the Federal Reserve System	11. Credit Unions
	3. The Money Supply and Monetary Policy	12. Project: Compare and Contrast
	4. Project: Fed Decision Making	13. Quiz 2: Types of Financial Institutions
	5. Banking Regulations and Oversight	14. Special Project*
	6. Project: Factors of a CAMELS Rating	15. Test
	7. Quiz 1: The Federal Reserve	16. Course Project Part 1: Introduction of Your Product or the Improvement to a Product*
	8. Overview of Bank Charters	17. Glossary and Credits
	9. State-Chartered Versus Federally-Chartered Banks	

Unit 2: Bank Performance		
Banking Services Careers	Assignments	
	1. Overview of Bank Performance	10. Reporting Financial Information
	2. Specific Criteria for Measuring Bank Performance	11. Project: Investigating Bank Violations
	3. Project: Bank Analysis	12. Quiz 2: Financial Information and Laws and Regulations
	4. Customers and Bank Performance and Profitability	13. Special Project*
	5. Project: Bank Ranking Analysis	14. Test
	6. Quiz 1: Maximizing Bank Performance	15. Course Project Part 2: Choosing a Charter*
	7. Overview of Financial Reports	16. Glossary and Credits
	8. Project: Reviewing a Federal Reserve Report	
	9. Income Statements and Balance Sheets	

Unit 3: Bank Products		
Banking Services Careers	Assignments	
	1. Checking Accounts	10. Project: Research a Loan
	2. Project: Checking Account Comparison	11. Finding the Right Loan and Bank to Meet Your Needs
	3. Savings Operations	12. Project: Find the Best Loan
	4. Project: Research Savings Options	13. Quiz 2: Lending
	5. Banks and Technology	14. Special Project*
	6. Project: Bank Comparisons	15. Test
	7. Quiz 1: Deposit Accounts and e-Banking	16. Course Project Part 3: Bank Services*
	8. Overview of Lending Products	17. Glossary and Credits
	9. The Lending Process	

Unit 4: Customer Relationships		
Banking Services Careers	Assignments	
	1. Overview of Personal Financial Planning	9. Being Involved to Increase Profitability
	2. Services Offered by Banks	10. Designing the CSR Program
	3. Project: Financial Planning Services	11. Project: CSR Investigation
	4. Technology, Personal Financial Planning, and Customer Retention	12. Quiz 2: The Bank and the Community
	5. Project: Explore Personal Finance Software	13. Special Project*
	6. Quiz 1: Personal Financial Planning	14. Test
	7. Overview of CSR	15. Course Project Part 4: Corporate Social Responsibility Strategy*
	8. Project: Researching CSR	16. Glossary and Credits

Unit 5: Banking and Consumers	
Assignments	
1. The Role of Bank Employees	9. Skills, Experience, and Education
2. Project: What Do Bank Employees Do?	10. Project: Job Research
3. Bank Employees and their Customers	11. Bank Career Trends
4. Project: New Bank Customer Service Code	12. Quiz 2: Bank Employee Careers
5. Building Relationships and Earning a Profit	13. Special Project*
6. Quiz 1: Overview of Bank Employees	14. Test
7. Career Opportunities	15. Course Project Part 5: Finding Key Employees*
8. Project: Exploring Careers in a Bank	16. Glossary and Credits

Unit 5: Banking and Consumers	
Assignments	
1. Course Project Part 6: Planning For the Trends*	3. Exam
2. Review	

Introduction to Career in Government and Public Administration

The Introduction to Government and Public Administration course will provide students with an overview of American politics and public administration, including how political institutions and public management systems at the local, state, and federal levels exercise supervisory authority and maintain accountability.

Students will learn about the foundations of the U.S. government, the separation of powers, the federal civil service system, and the relationship between the government and state and local officials. They will also learn about governmental powers of the states and of local governments, such as education, law enforcement, and transportation.

Students will learn about politics in the United States and the electoral process, political attitudes and opinions, and American political parties. They will also learn about the structure of U.S. federal governmental institutions, the nature of bureaucracy, and the functions of the executive, legislative, and judicial branches of government.

Students will also learn about policy making in American government, including discussions of foreign and defense policies.

After completing this course, students will have a fundamental understanding of U.S. government and public administration. They will be able to explain the history and structure of the government, how the government functions and relates to state and local governments, and how the government creates and enforces public policies.

Objectives

- Explain the missions, responsibilities, and type of government agencies.
- Describe the federal civil service and the importance of intergovernmental cooperation.
- Identify ideas behind the federal system, including how the federal government interacts with state and local governments.
- Explain the political party system
- Discuss the electoral process and the role of mass media.
- Compare and contrast the three branches of U.S. federal government—executive, legislative, and judicial.
- Describe the policy making process and the differences between types of public policies.

Unit 1: Administrative and Political Systems in the United States			
Assignments			
1.	Course Overview	10.	Project: Workforce Development Planning
2.	Foundations of U.S. Government and Democracy	11.	Promoting Inter-Agency Coordination
3.	Project: The Founding Fathers	12.	Project: The Hometown Federal Government
4.	A History of U.S. Public Administration	13.	Quiz 2: The Federal Career Service
5.	The Modern Civil Service	14.	Special Project*
6.	Project: Cabinet-level Departments	15.	Test
7.	Quiz 1: History and Constitutional Foundations of Democratic Governance	16.	Course Project Part 1: The Foundations of the U.S. Government*
8.	Public Service Roles and Responsibilities	17.	Glossary and Credits
9.	Career Development in Federal Agencies		

Unit 2: Overlapping Powers of Governments**Assignments**

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|---|--|
| 1. Understanding Federal, State, and Local Roles and Responsibilities | 10. Project: Create a Video or Report about a Local Agency |
| 2. Federalism and Separation of Powers | 11. Job Performance |
| 3. Project: Organize a Debate on Federalism | 12. Quiz 2: Employment Opportunities with Local and State Governments |
| 4. Contemporary Intergovernmental Relations | 13. Special Project* |
| 5. Project: Will You Collect Social Security? | 14. Test |
| 6. Quiz 1: Federalism and Intergovernmental Relationships | 15. Course Project Part 2: Separation of Powers Between the States and Federal Government* |
| 7. Number, Size, and Scope of Governments | 16. Glossary and Credits |
| 8. Project: Conduct a Mock Public Hearing | |
| 9. Sources of Revenue and Spending Priorities | |

Unit 3: Politics, Elections, and Democratic Participation**Assignments**

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|---|--|
| 1. Formation of Public Opinion | 9. Voter Turnout and the Electoral College |
| 2. The American Voter | 10. Project: Election Day |
| 3. Project: Make Two Data Graphics About Social Media for Public Engagement | 11. Redistricting, Reapportionment, and Gerrymandering |
| 4. Participation and Political Parties | 12. Quiz 2: Campaigns, Elections, and the Role of Mass Media |
| 5. Project: Write and Design a Voter Guide | 13. Special Project* |
| 6. Quiz 1: Public Opinion, Political Parties, and Interest Groups | 14. Test |
| 7. Political Campaigns, Financing Elections, and Role of Social Media | 15. Course Project Part 3: The American Voter* |
| 8. Project: Interview with a Politician | 16. Glossary and Credits |

Unit 4: Governmental Institutions: Executive, Legislative, and Judicial**Assignments**

- | | |
|---|--|
| 1. Changing Role of the Chief Executive | 10. Judicial Review |
| 2. Project: Rewriting History Report | 11. Project: Understanding the State Court System |
| 3. The Executive Bureaucracy | 12. Quiz 2: The Legislative and Judicial Branches: Congress and the Courts |
| 4. Joint Control of Executive Agencies | 13. Special Project* |
| 5. Project: Freedom of Information | 14. Test |
| 6. Quiz 1: Executive Branch Responsibilities and Restraints | 15. Course Project Part 4: How the Executive Branch Interacts with the Legislative Branch* |
| 7. Congressional Authority | 16. Glossary and Credits |
| 8. Legislative and Budget Processes | |
| 9. Project: Making a Law | |

Unit 5: Public Policy and Program Implementation**Assignments**

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|--|--|
| 1. Domestic and Social Policies | 10. Presidential Direction in Foreign and Defense Policy |
| 2. Project: Analyze a Policy | 11. Project: A Job in the State Department |
| 3. Regulatory Policies | 12. Quiz 2: Protecting the Homeland: U.S. Foreign and Defense Policy |
| 4. Fiscal and Monetary Policies | 13. Special Project* |
| 5. Project: How the Federal Reserve Implements Monetary Policy | 14. Test |
| 6. Quiz 1: Putting Government Policies into Action | 15. Course Project Part 5: Domestic Policy Issues* |
| 7. Making Foreign and Defense Policy | 16. Glossary and Credits |
| 8. Project: Negotiating a Treaty | |
| 9. Protecting the United States | |

Unit 6: Course Project, Review, and Exam**Assignments**

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|---|-----------|
| 1. Course Project Part 6: Serving the People: The Final Product * | 2. Review |
| | 3. Exam |

National Security Careers

This course discusses careers in national security. It provides you with the history, background, and recent advances in this field. Millions of people work in national security positions, from military enlisted personnel, writers, politicians, photographers, and law enforcement personnel to agents, investigators, scientists, and administrative personnel. Just about any career you can imagine is available in national security.

In Unit 1, students learn that the term national security means much more than just U.S. military, the CIA, or the FBI. National security includes the actions of the president, Congress, law enforcement, and many agencies working together to ensure the safety of the United States and our allies. The unit covers the major departments and agencies responsible for national security. It also presents the history, laws, and policies that guide these groups. In many cases, these laws and policies directly affect the lives of most Americans.

Unit 2 presents the policymakers and agencies that make up the national security bureaucracy. It outlines the national security roles of the president, presidential cabinet and advisors, the 17 national security agencies, and Congress. Oversight and funding are also discussed in this unit.

Unit 3 provides information on the history and national security roles of the U.S. armed forces. It covers the Army, Air Force, Navy, Marines, National Guard, and Coast Guard. Technological advancements are presented, as well as careers within these branches of the military.

Unit 4 covers intelligence agencies and federal law enforcement. It covers the roles, responsibilities, and legal limitations of intelligence and law enforcement. Intelligence gathering (operations) and analysis are presented, including careers with various intelligence and law enforcement agencies.

Unit 5 discusses national security challenges in the 21st century. Rising threats such as terrorism, rogue nations, and weapons of mass destruction are presented. The unit also explores chemical, biological, nuclear, and radiological weapons examples and threats.

Objectives

- Analyze and interpret the theories behind various national security policies.
- Understand the duties of the various career paths in the national security field.
- Recognize and be able to apply the different laws and regulations affecting national security policies.
- Develop the interpersonal, conflict resolution, communication, and critical-thinking skills that are required for successful careers in an ever-changing economic, technological, political, and social environment.
- Understand how various agencies interact to ensure the safety of the United States.
- Demonstrate an understanding of military, intelligence, and law enforcement practices.
- Apply analytical methods to understand the process of gathering and utilizing intelligence to detect threats to national security.
- Understand the evolution of national security in the United States.
- Recognize the importance of technology as part of the overall process of providing national security.
- Develop an appreciation for the variety of roles and responsibilities associated with a career in a national security organization.

Unit 1: Introduction to Legal, Political, and Historical Aspects of National Security		
National Security Careers	Assignments	
	1. Course Overview	10. America's Rise as a World Power
	2. What Is National Security?	11. Project: U.S. Rise as World Power After 1898
	3. Laws Guiding National Security	12. The Legacy of the Cold War and War on Terror
	4. Project: National Security Laws Chart	13. Quiz 2: History of National Security Policy and Modern Concerns
	5. Philosophies of National Security	14. Special Project*
	6. Project: Isolationism vs. Interventionism Venn Diagram	15. Test
	7. Quiz 1: Theories, Laws, and Politics of National Security	16. Course Project Part 1: Investigate a National Security Career*
	8. U.S. National Security Policy Before 1898	17. Glossary and Credits
	9. Project: U.S. Diplomacy, Foreign Policy, and National Security Timeline (1607-1898)	
Unit 2: The National Security Bureaucracy		
National Security Careers	Assignments	
	1. The Role and Responsibility of the President in National Security	9. Congressional Committees, Oversight, and Appropriations
	2. Project: President's National Security Response Analysis	10. Project: Personal Reaction to Congressional Committee Work
	3. U.S. Executive Departments	11. Declaring War and Authorization for Use of Force
	4. Project: Executive Department National Security Issues and Solutions Chart	12. Quiz 2: The Legislative Branch
	5. Presidential Advisors	13. Special Project*
	6. Quiz 1: The Executive Branch	14. Test
	7. Roles and Responsibilities of the U.S. Senate and House of Representatives	15. Course Project Part 2: An Interview of National Security Personnel*
	8. Project: Roles of Congress: Similarities and Differences	16. Glossary and Credits
Unit 3: The Armed Forces		
National Security Careers	Assignments	
	1. The U.S. Military	8. Project: The National Guard in Your State
	2. The Impact of Technology on Combat and Non-Combat Operations	9. Roles of the Coast Guard
	3. Project: Military Technologies and Combat Operations	10. Project: Coast Guard Missions Chart
	4. Military Careers and Benefits	11. National Guard and Coast Guard Careers
	5. Project: Personal Military Career Plan	12. Quiz 2: The National Guard, Air National Guard, and Coast Guard
	6. Quiz 1: The United States Army, Navy, Marine Corps, and Air Force	13. Special Project*
	7. History, Organization, and Role of the National Guard	14. Test
		15. Course Project Part 3: National Security Career Chart*
		16. Glossary and Credits

Unit 4: Intelligence and Law Enforcement Agencies		
National Security Careers	Assignments	
	1. Understanding the Reality of Intelligence Operations	8. Project: Federal Law Enforcement Interview
	2. Project: Film Critique: Spy Movie	9. Federal Law Enforcement Operations
	3. The Impact of Technology on Intelligence Gathering	10. Federal Law Enforcement Career Paths
	4. Project: Declassified Intelligence Technologies Research	11. Project: Federal Law Enforcement Career Plan
	5. Legal Constraints and Accountability of Intelligence Agencies	12. Quiz 2: Law Enforcement Agencies
	6. Quiz 1: Intelligence Agencies	13. Special Project*
	7. Organization of Federal Law Enforcement Agencies	14. Test
		15. Course Project Part 4: Storyboard of a National Security Scenario & Response*
		16. Glossary and Credits
Unit 5: National Security Challenges in the 21st Century		
National Security Careers	Assignments	
	1. Identifying Terrorist Organizations	10. Project: Nuclear WMD Research
	2. Preventing Acts of Terrorism	11. The Threat of Chemical, Biological, Nuclear, and Radiological (CBNR) Weapons
	3. Project: Reaction to Terrorism Prevention	12. Quiz 2: Weapons of Mass Destruction
	4. Responding to Acts of Terrorism	13. Special Project*
	5. Project: Response to a Terrorist Attack	14. Test
	6. Quiz 1: Terrorism and Non-State Actors	15. Course Project Part 5: Create a Multimedia Presentation*
	7. Understanding the History and Policies Regarding Weapons of Mass Destruction	16. Glossary and Credits
	8. Project: WMD: History, Uses, and Regulations	
	9. Recognizing Nuclear Weapons Proliferation	
Unit 6: Course Project, Review, and Exam		
National Security Careers	Assignments	
	1. Course Project Part 6: Give a Multimedia Presentation *	2. Review
		3. Exam

Careers in Allied Health

As a Christian, it is important to do your best in whatever career path you choose. Your desire should be to help others achieve and maintain a healthy lifestyle. A career in allied health provides you the opportunity to meet the physical needs of many people. What is allied health in relation to the healthcare industry?

Allied health is the term for the area of healthcare (and health care professions) that provide support and care services other than specific doctoring and nurse care. At times, the line between allied health and "non-allied health" may seem to be separated by level of degree/education, although this is not always true.

Allied health career paths can be divided into general roles like diagnostic (testing to see what is wrong), technical (taking care of technology aspects), therapeutic (moving the patient toward healing) and direct patient care (caring for the patient in other ways), although there is some overlap in a few roles. There are a few hundred potential jobs and dozens of potential settings that one could work in.

The career field is important for several reasons. First, the care and support that allied health professionals provide is integral to the health care system. In addition, it is estimated that these professionals make up more than half of the entire health care field. This representation within the industry shows how very important the various roles are.

In this course, we will focus on select allied health careers, studying a variety of different levels, responsibilities, settings, education needs and amounts of patient contact. We will look at things like the degree or training needed for each job, the environment one would work in, how much money the position could make, and the facts of the actual working day.

Then, within each job group, we will explore important aspects that are applicable to the entire field of allied health, such as behaving ethically, working as a team, keeping patients safe and free from infections and germs, honoring diverse needs of diverse patients, and following laws and policies.

The last unit will then include several activities that allow the student to seriously engage with their career exploration and selection.

Objectives

- Learn about allied health careers, academic preparation, lifestyle, skills needed, licensing and credentialing, employment potential, and continuing education.
- Explore ethical and legal challenges in the healthcare field.
- Understand the role of allied health care professionals in the overall health care environment and the importance of teamwork in patient care.
- Examine the importance of cultural, social, and ethnic diversity in the healthcare workforce and environment.
- Learn legal/regulatory guidelines addressing patient and medical information and understand the issues related to confidentiality.
- Learn about safety measures and regulatory requirements.

Since this course leans heavily on reporting and research, students should already know how to choose appropriate resources (especially online), and how to properly cite those resources.

Unit 1: Introduction to Allied Health Careers		
Careers in Allied Health	Assignments	
	1. Course Overview	9. Project: Medical Ethics and the Christian
	2. What is Allied Health?	10. Surgical Technologists
	3. Project: Educational Pathway (education, testing, and credentials)	11. Perfusionist
	4. Exploring the Allied Health Competency Model	12. Project: Exploring Allied Health Careers
	5. Project: Evaluating Your Competencies in Light of Scripture	13. Quiz: First Responders and Emergency Personnel
	6. Who's the Hero? An Allied Health Story	14. Special Project*
	7. Quiz: Introduction	15. Test
	8. First Responders: EMT/Paramedic	16. Course Project Part 1: Establishing Your Blog*
		17. Glossary and Credits
Unit 2: Art and Technology		
Careers in Allied Health	Assignments	
	1. Medical Arts and Special Skills: Medical Illustrator	9. Project: Caring for Others
	2. Project: Medical Illustration/Emergency Medicine Career Comparison	10. Therapists and Technologists: Polysomnographic Technologists and Sleep Apnea
	3. Medical Arts and Special Skills: Orthotists and Prosthetists	11. Project: Polysomnographic Technologist (PT) Scenario
	4. Project: Orthotics and Prosthetics	12. Quiz: Therapists and Technologists
	5. Medical Arts and Special Skills: Art Therapist	13. Special Project*
	6. Quiz: Medical Arts and Special Skills	14. Test
	7. Therapists and Technologists: Respiratory Therapists and Cystic Fibrosis	15. Course Project Part 2: Situs Inversus*
	8. Therapists and Technologists: Radiologic Technologist and Situs Inversus	16. Glossary and Credits
Unit 3: Exercise Science and Patient Evaluation		
Careers in Allied Health	Assignments	
	1. Exercise as Medicine and the Exercise Physiologist	10. Project: Epilepsy Research Paper
	2. Project: Day in the Life	11. Cardiovascular Technologist
	3. Kinesiotherapy and the U.S. Veteran returning from Afghanistan	12. Quiz: Evaluating the Patient
	4. Project: Compassion Ministries	13. Special Project*
	5. Fitness Instructor and the New Year's Resolution	14. Test
	6. Quiz: Exercise Science	15. Course Project Part 3: Blogging about an Echocardiogram*
	7. Audiologists and Hearing Loss	16. Glossary and Credits
	8. Project: The Hip Hop Mogul	
	9. Electro-Neurodiagnostic (END) Technologist and the Nervous System	

Unit 4: Health Informatics and Health Administration		
Careers in Allied Health	Assignments	
	1. Health Informatics, Data Acquisition, and Medical Coding	10. Applications, Activities and Case Studies in Hospital and Healthcare Management
	2. Project: Medical Coding Ethics	11. Project: Support for Christian Healthcare Professionals
	3. Dental Informatics	12. Quiz: Hospital Administrator/Health Care Management
	4. Telemedicine and Mobile Computing Informatics	13. Special Project*
	5. Project: Online Symptom Analysis	14. Test
	6. Quiz: Health Informatics and Medical Coding	15. Course Project Part 4: Blogging on Medical Ethics*
	7. Introduction to Healthcare Management	16. Glossary and Credits
	8. Introduction to the Hospital Administrator Role	
	9. Project: Creating an Organizational Chart	
Unit 5: Counseling, Dietetics and Choosing a Career in Allied Health		
Careers in Allied Health	Assignments	
	1. Genetic Counseling An Introduction to the Career	9. Diet and the Body
	2. Bioinformatics and the Human Genome	10. Project: Stewardship and You
	3. Project: Mapping Genes	11. Career Exploration Activities
	4. Prenatal Counseling and Anomalies, Choice, Ethics, Science	12. Project: The Case Study
	5. Project: The Sanctity of Life	13. Quiz: Dietetics and Nutrition
	6. Quiz: Genetic Counseling	14. Special Project*
	7. Dietetics and Nutrition: An Introduction to the Career	15. Test
	8. Project: The Debate Between the Nutritionist and Dietician	16. Course Project Part 5: Personal Trainer and Dietician Consulting*
		17. Glossary and Credits
Unit 6: Course Project, Review, and Exam		
	Assignments	
	1. Course Project Part 6: Final Blogging Project*	3. Exam
	2. Review	

Nursing: Unlimited Possibilities and Unlimited Potential

Each year the Gallup Poll conducts a survey of the American public to determine the ten most respected professions in the country. Since 2001, registered nurses have topped that list.

More registered nurses (2.7 million in 2010) work in healthcare than any other professional position; at the same time, a national shortage of qualified nurses exists and is projected to become significantly worse by 2020. As new nursing positions become available and a significant number of registered and licensed practical nurses approach retirement age, there are opportunities for recent graduates of accredited nursing programs throughout the country.

In a world that is increasingly secularized, there is a tremendous need for godly, Christian nurses who not only meet the physical needs of patients, but who can also provide prayer and spiritual support. They assist patients as well as lift up hurting families while placing a strong emphasis on the sanctity of human life.

However, in an era of new medical technology and increased specialization in patient care, healthcare administrators are becoming more discerning; offers of employment are extended to recent graduates of accredited baccalaureate nursing programs in far greater numbers than those offered to licensed practical nurses or registered nurses who successfully completed a hospital-based diploma program as well as those with an associate degree in nursing from a community college or professional school.

This course provides students opportunities to compare and contrast the various academic and clinical training pathways to an entry-level position in nursing and to explore the growing number of opportunities for professional advancement given the proper preparation and experience.

In June 2012, the U.S. Supreme Court upheld the majority of provisions in the Affordable Care Act, which will extend health insurance benefits to an additional 32 million residents of this country and represents the most significant changes in healthcare since the introduction of Medicare and Medicaid. Nurses will continue to play a pivotal role in the care and treatment of these patients as well as have opportunities to make significant contributions to a new definition of healthcare.

Partially in response to these rapid changes in healthcare, the Robert Wood Johnson Foundation and the National Academies' Institute of Medicine conducted a study of the current state of nursing as well as the profession's role in the future. This study, *The Future of Nursing*, has grown into a national initiative to redefine nursing education and scope of practice.

In this course, students will have several opportunities to learn about the expanding scope of professional practice for registered nurses and better understand the important changes proposed in the education and ongoing professional development of nurses.

A project at the end of this course will assist students in focusing their ambition and commitment to nursing service by better defining their available educational and clinical training opportunities.

Objectives

- Compare and contrast a variety of careers in nursing on the basis of academic preparation, scope of practice, training, licensure, patient contact, management/administrative responsibilities, and lifestyle.
- Examine nursing skills common to all nursing professions and explore skill sets that are specific to a nursing specialty or discipline.
- Calculate dosage given age, gender, anthropometric data and specific medication.
- Examine the history of the nursing profession and its contributions to health care through time.
- Evaluate case studies for scientific content and issues of ethics, privacy, and legal limitations to practice.

Unit 1: The Nursing Profession		
Nursing	Assignments	
	1. Course Overview	11. Project: Case Study: The Nursing Code of Ethics
	2. History of Nursing	12. Professionalism in Nursing
	3. Registered Nursing	13. Project: Presentation on a Career as a Registered Nurse
	4. Project: Careers in Nursing	14. Quiz 2: Ethics and Professionalism in Nursing
	5. LPN, CNA, HHA	15. Special Project*
	6. Project: Caveat Emptor	16. Test
	7. Quiz 1: Introduction	17. Course Project - Part 1: Selecting Your Research Topic*
	8. The Nursing Code of Ethics	18. Glossary and Credits
	9. Project: Defining the Members of a Healthcare Team	
	10. Role of the Nurse as Part of a Health Care Team	
Unit 2: Primary Nursing Positions		
Nursing	Assignments	
	1. Palliative and Hospice Nursing	9. Nurse Practitioner
	2. Project: Observing Pain and the Effects of Chronic Illness	10. Project: What's Your Position?
	3. Certified Nurse Midwife	11. Nurse Educator
	4. Critical Care Nursing	12. Project: Why Not Nursing?
	5. Project: Service Learning	13. Quiz 2: Primary Nursing Positions, Part 2
	6. Quiz 1: Primary Nursing Positions, Part I	14. Special Project*
	7. Nurse Anesthetist	15. Test
	8. Project: Analyzing Anesthesia	16. Course Project - Part 2: Identifying Resources*
		17. Glossary and Credits
Unit 3: Nursing Specialties		
Nursing	Assignments	
	1. OR Nursing and the Humanitarian Mission	9. Oncology Nurse and the Child with Leukemia
	2. Project: More about Médecins Sans Frontières	10. Project: On Trial: Clinical Oncology Trials
	3. Pediatric Nursing	11. Orthopedic Nurse and the Pedestrian
	4. Project: Read	12. Quiz 2: Nursing Specialties: Correctional, Oncology and Orthopedic Nursing
	5. Psychiatric Nursing	13. Special Project*
	6. Quiz 1: Nursing Specialties: Operating Room Nurse, Pediatrics, and Psychiatry	14. Test
	7. Correctional Nursing	15. Course Project - Part 3: Developing a Survey*
	8. Project: Case Study: What Constitutes Appropriate Care?	16. Glossary and Credits

Unit 4: More Nursing Specialties		
Nursing	Assignments	
	1. Cardiac Rehabilitation Nurse: Heart Transplant	9. Occupational Health Nurse and the Brazilian Blowout Standards Correlation
	2. Project: Developing a Cardiac Rehabilitation Program	10. Project: The Safety Film
	3. Nursing as a Mission	11. Gastroenterology/Endoscopy Nurse
	4. Project: Serving Abroad	12. Quiz 2: Nursing Specialties: Infection Control, Occupational Health and Gastroenterology/Endoscopy
	5. Ambulatory Nursing and Patient Independence	13. Special Project*
	6. Quiz 1: Nursing Specialties: Cardiac Rehabilitation, Ambulatory Nurse, and Nurse Missionary	14. Test
	7. Infection Control and the Nosocomial Infection	15. Course Project - Part 4: A Case Study*
	8. Project: Writing a News Story	16. Glossary and Credits
Unit 5: Nursing Career Alternatives		
Nursing	Assignments	
	1. Flight Nurse	10. Finding the Right Nursing Career
	2. Project: Help! Rating Air Ambulance Service Providers	11. Project: Finding the Right Nursing Career
	3. Forensic Nurse	12. Quiz 2: Nursing Career Alternatives: Holistic Nurse, Research Nurse, and Finding the Right Career in Nursing
	4. Project: Elder Abuse PSA	13. Special Project*
	5. Travel Nurse	14. Test
	6. Quiz 1: Nursing Career Alternatives: Flight Nurse, Forensic Nurse and Travel Nurse	15. Course Project - Part 5: Organizing Your Presentation*
	7. Holistic Nurse	16. Glossary and Credits
	8. Project: Researching the History of Nursing	
	9. Nurse Researcher	
Unit 6: Course Project, Review, and Exam		
Nursing	Assignments	
	1. Course Project - Part 6: Your Final Presentation*	3. Exam
	2. Course Review	

Introduction to Consumer Services

In this introductory Consumer Services course, students will analyze various career paths in terms of employment opportunities. Educational requirements, including applicable hard and soft skills, certifications, and licensures for different pathways, will be discussed. Developing research, analytical, and presentations skills will be key components.

This course is designed as an overview to prepare students for a consumer services–related career and to introduce them to specialty areas. Emphasis is placed on the human services aspect (vs. corporate concerns) of consumer services, as well as Biblical principles and standards. Social issues and advocacy, as well as ethics and legalities, are a recurring theme. Students will gain knowledge of current issues affecting various consumer services professions and of the impact of local, state, national, and global issues on consumer services.

Objectives

- Analyze careers in the consumer services industry in terms of employment opportunities, salary levels, education requirements, necessary skills, certification requirements, entrepreneurial opportunities, and employment outlook.
- Understand the importance of exhibiting ethical behavior and encourage coworkers to comply with ethical and legal responsibilities in the workplace.
- Identify common safety concerns in an organization and describe ways to promote safety in the workplace.
- Demonstrate active listening techniques to interpret information and ensure the clarity of the information.
- Understand the role and importance of consumer advocacy groups at national, state, and local levels.
- Define the roles of credit counselors and risk management specialists.
- Describe and evaluate design careers, writing careers, and related communications-based careers in translation and interpretation.
- Define the role of writers and editors in consumer services.
- Demonstrate an ability to clearly articulate the organization's policies, rules, and procedures.
- Describe the role of a public relations director and evaluate public relations careers within consumer services.
- Evaluate sales and related marketing careers in consumer services.

Students should be computer literate at an intermediate level and have Internet access. Students should have basic research skills, as well as the ability to conduct online searches and access recommended Web sites. Basic math skills at the Algebra I level (arithmetic, ratios, graphing) are required. Intermediate-level proficiency with word processing, spreadsheet, and presentation software is highly encouraged, as is access to these programs for use in producing projects.

Introduction to Consumer Services	Unit 1: Introduction to Consumer Services	
	Assignments	
	1. Course Overview	10. Project: Drafting a Safety Policy
	2. What Are Consumer Services?	11. External Influences on Consumer Services
	3. Customer Service and Consumer Advocacy	12. Project: Interview-based Article on Sustainability
	4. Project: Personal Skills Evaluation	13. Quiz 2: Organizational Structure
	5. Presenting the Professional Identity	14. Special Project*
	6. Project: Building a Portfolio	15. Test
	7. Quiz 1: Introduction and Basic Competencies	16. Course Project Part 1: Building an Org Chart*
	8. Organizational Structure	17. Glossary and Credits
	9. Safety Within the Organization	
Introduction to Consumer Services	Unit 2: Customer Service and Consumer Advocacy	
	Assignments	
	1. What is Customer Service?	9. Project: Consumer Protection
	2. Conflict-resolution Strategies	10. The Role of Policymakers
	3. Project: Constructing a Customer Service Encounter Log	11. Project: A Plan for Advocacy
	4. Working with Databases	12. Quiz 2: Consumer Advocacy
	5. Project: Constructing a Database	13. Special Project*
	6. Quiz 1: The Customer Service Representative	14. Test
	7. What is Consumer Advocacy?	15. Course Project Part 2: Serving the Client*
	8. Consumer Advocacy at Various Levels	16. Glossary and Credits
Introduction to Consumer Services	Unit 3: Counseling, Advisement, Education	
	Assignments	
	1. Financial Counseling	10. Risk Management in Financial Planning
	2. Developing a Financial Plan	11. Project: Building an Estate Plan
	3. Project: Building a Financial Plan	12. Quiz 2: Credit Counseling and Risk Management
	4. Spending Patterns and Budgeting	13. Special Project*
	5. Project: Building a Budget	14. Test
	6. Quiz 1: Financial Counseling Roles	15. Course Project Part 3: Our Town's Children Programs*
	7. Credit Counseling and Risk Management	16. Glossary and Credits
	8. Applying for Credit and Credit Scoring	
	9. Project: Evaluating Credit Offers	
Introduction to Consumer Services	Unit 4: Creativity	
	Assignments	
	1. Creative Consumer Services – Design	9. Project: Hiring a Language Services Professional
	2. Fashion and Costume Design	10. Reading Strategies
	3. Project: Design Influences	11. Project: Reading to Write
	4. Trademarks, Patents, and Copyrights	12. Quiz 2: Writing and Interpretation
	5. Project: Protecting Your Original Work	13. Special Project*
	6. Quiz 1: The Designer	14. Test
	7. Writing and Editing	15. Course Project Part 4: Building a Brand*
	8. Translation and Interpretation	16. Glossary and Credits

Introduction to Consumer Services	Unit 5: Management, Sales, Public Relations	
	Assignments	
	1. Management Careers	10. Marketing and Selling a Product
	2. Strategic Analysis	11. Project: Writing a Marketing Plan
	3. Project: Conducting a SWOT analysis	12. Quiz 2: Sales and Public Relations
	4. Working with Employees	13. Special Project*
	5. Project: Developing a Training Presentation	14. Test
	6. Quiz 1: Management	15. Course Project Part 5: Growing a Sustainable Organization*
	7. Sales, Marketing, and Public Relations	16. Glossary and Credits
	8. The Importance of Public Image	
	9. Project: Writing a Media Release	
ICS	Unit 6: Course Review and Exam	
	Assignments	
	1. Course Project Part 6: Our Town's Children, Inc. Annual Report 20XX*	2. Review
		3. Exam

Introduction to Information Technology

In this course, we introduce students to the knowledge base and technical skills that will help them to successfully compete for jobs within the Information Technology Career Cluster. Lessons are structured so that students learn and then demonstrate not only critical assessment and analytic skills, but also interpersonal skills that are valued so highly among IT employers.

We explore a range of career tracks that include network engineers, application/programming developers, and systems analysts. These career paths are described in depth, discussing typical job responsibilities, educational and licensure requirements, working conditions, and job outlooks.

Our lessons help students place the evolution of technology and job opportunities in context so that they will understand their important role in furthering its development. We believe that the most successful IT professionals combine technical know-how with leadership ability. To this end, students learn that their acquired expertise comes with the responsibility to represent themselves and the companies they work for within the highest legal and ethical standards.

Objectives

- Identify the basic components and structure of a computer system and its use within a networking/communications environment.
- Design and implement a basic network while being introduced to multiple types of network systems.
- Apply both ethical and industry standard security policies to networks.
- Discuss the history and development and use of the Internet in business and society.
- Explain the development of human-centered technology interaction.
- Apply mobile computing technology capabilities to learning and business.
- Identify the variety of operating systems found on desktops, laptops, and mobile devices.
- Understand mobile application architecture, deployment, and marketing.
- Determine best practice application skills for the variety of information technology systems available to implement.
- Plan, develop, and implement an information system.
- Maximize use of the Internet within the home and business.
- Identify the structure of wireless communication networks and the mechanisms behind its functionality.
- Identify and develop protocols for use of the Internet within business.
- Identify and develop information system libraries and repositories of information.
- Develop an understanding of the logic behind object-oriented programming.
- Identify the multiple programming languages for use in mobile/Internet application development.
- Plan, develop, and implement a mobile/Internet application.

Unit 1: Hardware and Communications Technology Introduction		
Intro. to Information to Technology	Assignments	
	1. Course Overview	9. Human-Centered Technology
	2. Computer Systems and Networks	10. Project: Biometrics Report
	3. Network Ethics and Security	11. Mobile Computing
	4. Project: Benefit Analysis Study: Small Business Expansion	12. Project: Geocache Treasure Hunt
	5. Information Storage	13. Quiz 2: Internet in Business and Society
	6. Project: Correspondence Between Stringer and Newspaper Editor: Media Preview	14. Special Project*
	7. Quiz 1: Computer Systems and Networks	15. Unit 1 Test
	8. Internet in Business and Society	16. Course Project Part 1: Capstone Project*
		17. Glossary and Credits
Unit 2: Operating Systems, System Software, Mobile Applications		
Intro. to Information to Technology	Assignments	
	1. Computer, Server, and Mobile Operating Systems	8. Project: Mobile App Development
	2. Project: Similarities/Differences Chart: School Operating Systems	9. Applications vs. Software
	3. Operating Systems vs. System Software	10. The Mobile Application Business
	4. Battle of the Operating Systems	11. Project: Market Research Comparison/Contrast Matrix – Free Mobile App
	5. Project: PowerPoint Presentation: Smart Phone Preference Survey	12. Quiz 2: Mobile Application Development
	6. Quiz 1: Operating Systems and System Software	13. Special Project*
	7. Mobile Application Development and Implementation	14. Unit 2 Test
		15. Course Project Part 2: Capstone Project*
		16. Glossary and Credits
Unit 3: Introduction to Information Systems		
Intro. to Information to Technology	Assignments	
	1. What is an Information System?	10. Implementing Information Systems
	2. Project: Building a Local GIS	11. Project: On the Job: System Developer
	3. Types of Information Systems	12. Quiz 2: Developing and Implementing Information Systems
	4. Jobs in Information Systems	13. Special Project*
	5. Project: Career Day Presentation	14. Unit 3 Test
	6. Quiz 1: Introduction to Information Systems	15. Course Project Part 3: Capstone Project*
	7. Planning Information Systems	16. Glossary and Credits
	8. Project: Strategic Report	
	9. Developing Information Systems	
Unit 4: Internet Utilization and Information Literacy		
Intro. to Information to Technology	Assignments	
	1. Internet Use in Home and Business	9. Information Library Systems
	2. Project: School Internet Policies Report	10. Jobs in Information Literacy
	3. Security on the Internet	11. Project: Digital Library Research
	4. Project: Comparison Shopping Report	12. Quiz 2: Internet Best Practices and Protocols
	5. Cloud Computing	13. Special Project*
	6. Quiz 1: Internet Use in Home and Business	14. Unit 4 Test
	7. Internet Best Practices and Protocols	15. Course Project Part 4: Capstone Project*
	8. Project: Search Strategy and Intelligent Agent	16. Glossary and Credits

Unit 5: Mobile Application Programming and Productivity		
Intro. to Information to Technology	Assignments	
	1. Mobile Application Construction	8. Project: Compare/Contrast Report: Five Mobile Operating Platforms
	2. Project: Flowcharts for Free-to-Play and Pay-to-Play Versions of a Travel Game App	9. Tools of the Trade
	3. Mobile Application Programming	10. Outsourcing vs. In-House Development
	4. The Business of Mobile Application Development	11. Project: Design a Work-Around; Role-Playing Panel
	5. Project: Compare/Contrast Report: Contract Versus Salaried Mobile App Development Jobs	12. Quiz 2: Mobile Application Development
	6. Quiz 1: Mobile Application Construction and Programming	13. Special Project*
	7. Mobile Application Development Project Management	14. Unit 5 Test
		15. Course Project Part 5: Capstone Project*
		16. Glossary and Credits
Unit 6: Course Project, Review, and Exam		
	Assignments	
	1. Course Project Part 6: Capstone Project*	3. Exam
	2. Review	

Fundamentals of Computer Systems

The Computer Fundamentals course will provide students with an understanding of computers and how they operate as well as a basic understanding of how to manage and maintain computers and computer systems. These skills will provide students with the ability to configure computers and solve computer problems.

Students will learn details about the different elements of computers and computer systems. They will learn to identify hardware devices and their functions. They will be instructed on the role of operating systems as well as how to install and customize the Windows operating system. Students will learn about networking and the Internet. They will also be introduced to security issues in order to protect themselves and their computers and data.

Students will also learn about some of the software applications typically used on computers today, such as Microsoft Office. In addition, students will learn specifics about maintaining and troubleshooting computers, including managing files, backing up systems, and using the administrative tools in the Windows operating system. Lastly, the students will learn the basics of customer service and working as a help desk support technician.

Objectives

- After completing this course, the student will understand computers and their functions, as well as develop basic customer service skills, and be able to effectively meet customer needs.
- Students will be able to implement problem-solving techniques to understand the nature of computer problems. They will also understand hardware components, software, and the Internet, so they are able to develop, maintain, and update computer systems.
- After this course, students also will be able to use the Internet to update computer systems and complete other IT service-related tasks. They will be able to install, configure, or modify software and operating systems to ensure optimal system function.
- Students will be able to perform computer backup procedures to protect information. They also will be able to recognize potential security threats and understand the procedures for maintaining security.
- After this course students will be able to provide IT support and training for computers and networks.

For topics in this course, it is helpful for students to be familiar with the basics of using desktop or laptop computers as well as accessing Web sites over the Internet.

If students are not familiar with these topics, it is recommended, though not required, that they familiarize themselves with the operating system and Web browser they will be using for this course. This includes turning on a computer and logging into an account, if necessary, exploring the different types of software available, navigating through some of the operating system menus to understand the available tools, and doing a basic search on the Internet.

Fundamentals of Computer Systems	Unit 1: Computer Hardware and Operating Systems	
	Assignments	
	1. Course Overview	10. The Boot Sequence–Command Prompt and BIOS
	2. The Motherboard and the CPU	11. Installation, Upgrades, and Maintenance of Operating Systems
	3. Storage Systems and Memory	12. Project: Installing an Operating System
	4. Project: Semiconductor Chips	13. Quiz 2: The Operating System
	5. Graphic Devices and Peripherals	14. Special Project*
	6. Project: Building a Computer	15. Unit 1 Test
	7. Quiz 1: Computer Hardware	16. Course Project Part 1: Operating System*
	8. Operating Systems Basics	17. Glossary and Credits
	9. Project: Testing Operating Systems	
	Unit 2: Configuring the Computer	
	Assignments	
	1. Windows Desktop, Start Menu, and Task Bar, Including Windows Task Manager	9. Project: Setting Up an Internal Network
	2. The Control Panel	10. Troubleshooting Internet Connectivity
	3. Project: Help Desk Solutions	11. Project: Creating a Strategy Using Available Resources
	4. Windows Accessories and Built-in Applications	12. Quiz 2: Networking
	5. Project: Scavenger Hunt	13. Special Project*
	6. Quiz 1: Windows 101	14. Unit 2 Test
	7. Basic Networking Concepts	15. Course Project Part 2: Networking*
	8. Connecting to a Network or Domain	16. Glossary and Credits
	Unit 3: Computer Programs	
	Assignments	
	1. Internet Uses and Abilities	9. Microsoft Excel
	2. Project: Researching the History of the Internet	10. Project: Developing a Spreadsheet
	3. Comparing Internet Browsers	11. Microsoft PowerPoint/Outlook
	4. Configuring Internet Options	12. Quiz 2: Microsoft Office
	5. Project: Determining Browser Controls	13. Special Project*
	6. Quiz 1: The Internet	14. Unit 3 Test
	7. Microsoft Word	15. Course Project Part 3: Microsoft Office*
	8. Project: Support Tech	16. Glossary and Credits
	Unit 4: Protecting Yourself, the Computer, and Your Data	
	Assignments	
	1. Staying Safe on the Web	9. Project: Creating a Data Security Plan
	2. Project: Be Secure	10. Using the Cloud
	3. Security Threats to Your Computer	11. Project: Using Cloud Computing Services
	4. Security Threat Removal Tools	12. Quiz 2: Data Protection
	5. Project: Putting Your Computer Skills to the Test	13. Special Project*
	6. Quiz 1: Virus Protection	14. Unit 4 Test
	7. Managing Your File System	15. Course Project Part 4: Security*
	8. Backing Up Your Computer	16. Glossary and Credits

Fundamentals of Computer Systems	Unit 5: Troubleshooting	
	Assignments	
	1. The Computer Management Console	8. Project: Preventive Maintenance
	2. Built-in Tools from Windows – Troubleshooting, Help and Support, Remote Assistance	9. Computers and the Environment
	3. Project: Troubleshooting Computers	10. Supporting the Computer User
	4. Using the Internet as a Resource	11. Project: Providing Good Customer Service
	5. Project: Researching Computer Issues and Solutions	12. Quiz 2: The Role of the Help Desk
	6. Quiz 1: Troubleshooting Tools and Resources	13. Special Project*
	7. Preventive Maintenance	14. Unit 5 Test
		15. Course Project Part 5: Preventive Maintenance*
		16. Glossary and Credits
	Unit 6: Course Review and Exam	
	Assignments	
	1. Course Project Part 6: Help Desk Policies and Procedures*	2. Review
		3. Exam

Fundamentals of Digital Media

This course gives an overview of the different types of digital media and how they are used in the world today. Students examine the impact that digital media has on culture and lifestyle. The course reviews the basic concepts for creating effective digital media and introduces a number of different career paths that relate to digital media.

Students will examine some tools used to create digital media and discuss best practices in the creating of digital media. This includes an overview of the process used to create new media pieces as well as the basics concepts of project management.

In the course, students will examine the use of social media, digital media in advertising, digital media on the World Wide Web, digital media in business, gaming and simulations, e-commerce, and digital music and movies. Students will review ethics and laws that impact digital media use or creation.

Objectives

- Discuss different types of digital media.
- Explain the value of using online video and audio for business.
- Discuss careers in digital media.
- Compare and contrast digital media and traditional forms of media.
- Discuss living in a digital society and the changes resulting from it.
- Discuss project management as a career.
- Describe the evolution of social media.
- Discuss ethics and social media.
- Identify some challenges that the gaming industry will face in the future.
- Compare the different types of computer languages.
- Determine the role digital media plays in globalization.
- Explain the limitations of doing business on the web.
- Describe some different laws that relate to digital media.
- Explain the canons of journalism.
- Describe some expected changes in social media and advertising.
- Determine what type of schooling is necessary for their chosen career.

Student should have a basic understanding of computers and the Internet.

Fundamentals of Digital Media	Unit 1: Introduction to Digital and Online Media Types	
	Assignments	
	1. Course Overview	10. Project: Digital Media and Business
	2. Digital Camera Basics	11. Best Practices for Digital Media
	3. Digital Cameras vs. Mobile Cameras	12. Project: Analyze and Evaluate: Digital Media
	4. Project: What Do People Really Know About Digital Media?	13. Quiz 2: Digital Media in Our World
	5. The Rise of Digital Libraries	14. Special Project*
	6. Project: Jobs in Digital Media	15. Unit 1 Test
	7. Quiz 1: Digital Media	16. Course Project Part 1: Digital Media Cuts Paper Use*
	8. Digital Media in Business and Society	17. Glossary and Credits
	9. Storing and Sharing Online Media	

Unit 2: Digital Media: Effectiveness and Production	
Fundamentals of Digital Media	Assignments
	1. Traditional Media vs. Digital Media
	2. The Rise of a Digital Society
	3. Project: Research and Write: Is the Internet a Bad Influence on Young People?
	4. Digital Citizenship
	5. Project: A Digital Life
	6. Quiz 1: Effectiveness of Digital Media
	7. Digital Media Production
	8. Tools for Media Production: Web and Interactive Digital Media
	9. Project: Analyze and Evaluate: Web Sites
	10. Media Production: Audio and Video
	11. Project: Working in the Field
	12. Quiz 2: Digital Media Production
	13. Special Project*
	14. Unit 2 Test
	15. Course Project Part 2: E-waste*
	16. Glossary and Credits

Unit 3: Project Management and Social Media	
Fundamentals of Digital Media	Assignments
	1. Project Management: Project Planning
	2. Project: Pet Grooming Web Site
	3. Project Management: Project Monitoring
	4. Project: Problem Solving
	5. Project Management: Project Termination
	6. Quiz 1: Project Management
	7. Social Media Defined
	8. Uses of Social Media
	9. Project: Research and Learn: Social Media and Problem Solving
	10. Staying Safe When Using Social Media Sites
	11. Project: Current Event: Cyber Bullying
	12. Quiz 2: Social Media
	13. Special Project*
	14. Unit 3 Test
	15. Course Project Part 3: Social Media and Environmental Activism*
	16. Glossary and Credits

Unit 4: Gaming, Simulations, Web Sites, and Apps	
Fundamentals of Digital Media	Assignments
	1. Video Games and the Video Game Industry
	2. Project: The Game Designer's Presentation
	3. Simulations and Modeling
	4. Creating Video Games and Simulations
	5. Project: New Games 101
	6. Quiz 1: Gaming and Simulations
	7. Creating Web Sites
	8. Project: Research and Learn: Practice your HTML Development Skills
	9. Web Pages: Beyond the Basics
	10. Web Pages and E-commerce
	11. Project: Designing an E-commerce Site
	12. Quiz 2: Web Sites and Apps
	13. Special Project*
	14. Unit 4 Test
	15. Course Project Part 4: Environmental Gaming*
	16. Glossary and Credits

Fundamentals of Digital Media	Unit 5: Trends in Digital and Online Media	
	Assignments	
	1. Best Practices of Digital Advertisement and Promotion	9. Project: In the Future, What Will Digital Media Look Like for You?
	2. Project: Going Global	10. Finding a Career that is Right for You
	3. Digital Media in Advertising	11. Project: Find Your Dream Job and Figure Out How to Land It
	4. Law and Digital Media	12. Quiz 2: The Future of Digital Media
	5. Project: Research and Learn: Law and Digital Media	13. Special Project*
	6. Quiz 1: Digital Business	14. Unit 5 Test
	7. Digital Audio and Video	15. Course Project Part 5: Powering a Digital World*
	8. The Future of Digital Media	16. Glossary and Credits
	Unit 6: Course Project, Review, and Exam	
	Assignments	
	1. Course Project Part 6: Digital media and Sustainability*	2. Review
		3. Exam

Fundamentals of Programming and Software Development

This course will provide students with an understanding of basic software development concepts and practices, issues affecting the software industry, careers within the software industry, and the skills necessary to perform well in these occupations.

Students will learn details about core concepts in programming using Java, including writing and debugging code, proper syntax, flow of control, order of operations, comparison operators, and program logic tools and models. They will learn the function of key program techniques including if statements, looping, and arrays. They will also learn about web development using HTML and drag-and-drop development of user interfaces in an Integrated Development environment.

Students will also learn about the Software Development Life Cycle and the different variations used to create software. They will learn about different programming languages and paradigms. They will learn about the importance of usability and user-centered design processes. Students will also learn about careers in the software industry, the education and skills required to work in the industry, and related career resources. Finally, the capstone project will allow students to explore and state opinions on key issues and trends impacting the software industry, and to learn about the experience of working in the industry.

Objectives

- Understand the relationship between computer hardware and software.
- Describe the purpose and high-level organization of the central processing unit.
- Understand categories of software and be able to properly assign software products into the correct category.
- Describe the key functions of systems software.
- Describe the functionality of popular software applications (e.g., word processing, database management, spreadsheet development).
- Understand the function and operation of compilers and interpreters.

For topics in this course, it is helpful for students to be familiar with the basics of using desktop and laptop computers as well as accessing websites over the Internet.

If students are unfamiliar with these topics, it is recommended, though not required, that they familiarize themselves with creating and saving files in a text editing or word processing application and with using web browsers and conducting searches on the Internet.

Additionally, activities in this course require that the Java Software Development Kit (SDK) and the NetBeans Integrated Development Environment (IDE) is installed on students' computers. Instructions are included in the Unit 1 lesson titled "Introduction to Java Programming."

Unit 1: Introduction to Computers**Assignments**

- | | |
|---|---|
| 1. Course Overview | 10. Project: Writing Your First Java Program |
| 2. Computer History | 11. Java Syntax Overview |
| 3. Project: Computer Generations | 12. Project: Hello World! Documentation |
| 4. Introduction to Computer Hardware | 13. Quiz 2: How Computers and Programs Think |
| 5. Project: Understanding Hardware | 14. Special Project* |
| 6. Introduction to Computer Software | 15. Unit 1 Test |
| 7. Quiz 1: Perspective and Foundations | 16. Course Project Part 1: The Impact of GUI Computing* |
| 8. Design and Function of the Central Processing Unit | 17. Glossary and Credits |
| 9. Introduction to Java Programming | |

Unit 2: Programming Languages**Assignments**

- | | |
|--|---|
| 1. Introduction to Java Variables | 9. Switch and Case |
| 2. Project: Using Variables in Java | 10. Project: Using Switch-Case and Nested If Statements |
| 3. Java Math Operations | 11. User-Defined Methods |
| 4. Project: Using Mathematical and Comparison Operators in Java | 12. Quiz 2: Branching and Methods |
| 5. Operators and Escape Sequences | 13. Special Project* |
| 6. Quiz 1: Processing Data | 14. Unit 2 Test |
| 7. New Data Types and the If Statement | 15. Course Project Part 2: Ethics in Programming* |
| 8. Project: Using If and If-Else Statements and Reading User Input | 16. Glossary and Credits |

Unit 3: Introduction to Programming**Assignments**

- | | |
|--|---|
| 1. Introduction to the For Loop | 10. Parallel and Multidimensional Arrays |
| 2. Project: Grading on a Loop | 11. Project: The Logic of Multidimensional Arrays |
| 3. Loops-Practice with the Do-While Loop | 12. Quiz 2: Managing Complex Data |
| 4. Loops-Practice with the While Loop | 13. Special Project* |
| 5. Project: Using Loops in a Guessing Game | 14. Unit 3 Test |
| 6. Quiz 1: Loops-Power and Simplicity | 15. Course Project Part 3: The Life of a Software or Web Developer* |
| 7. Arrays-Syntax and Use | 16. Glossary and Credits |
| 8. Arrays-Passing by Reference | |
| 9. Project: Professional Associations Research | |

Unit 4: Control Blocks**Assignments**

- | | |
|--|---|
| 1. Classes and Objects | 9. HTML Images, Links, and Web Development Tools |
| 2. Project: The Importance of Usability | 10. Project: Your Favorite Recipe – On a Web Page |
| 3. Constructors and Packages | 11. Event-Driven Programming and Visual Basic |
| 4. Project: Creating Packages | 12. Quiz 2: Interactive and Graphical Programming |
| 5. Flowcharts Mapping | 13. Special Project* |
| 6. Quiz 1: Program Components and Logic | 14. Unit 4 Test |
| 7. HTML Basics | 15. Course Project Part 4: Open-Source Programming* |
| 8. Project: A Web Page Essay About the Web | 16. Glossary and Credits |

Unit 5: GUI Programming and Web Applications**Assignments**

- | | |
|--|--|
| 1. Software Development Life Cycle | 11. New Trends and Technologies |
| 2. Project: Planning a Software Development Project | 12. Quiz 2: Preparing for a Career in Software Development |
| 3. Programming Languages | 13. Special Project* |
| 4. User-Centered Software Design | 14. Unit 5 Test |
| 5. Project: User-Testing a Product Prototype | 15. Course Project Part 5: Impacts of Future Technologies* |
| 6. Quiz 1: Creating Software Products | 16. Glossary and Credits |
| 7. Skills and Interests for Software Careers | |
| 8. Project: Taking Stock | |
| 9. Software Industry Careers | |
| 10. Project: Planning Your Computer Science Degree Program | |

Unit 6: Course Project, Review, and Exam**Assignments**

- | | |
|--|-----------|
| 1. Course Project Part 6: Issues and Experiences in the World of Software Development* | 2. Review |
| | 3. Exam |

Introduction to Information Technology Support and Services

This course focuses on real-world application including common industry best practices and specific vendors that offer tools for technicians, project managers, and IT leadership. Emphasis should be made that the purpose of the IT department of an enterprise is to support the overall mission of the company, and it is not simply a standalone component of the company's infrastructure. Students will continue to apply their knowledge of hardware and software components associated with IT systems while exploring a variety of careers related to IT support and services. Students will analyze technical support needs to perform customer service, perform configuration management activities, and evaluate application software packages and emerging software. Students will demonstrate and apply knowledge of IT analysis and design by initiating a system project and evaluating applications within the IT system. Information Technology is a dynamic discipline that is continuously evolving.

Objectives

- Explore systems design and implementation.
- Investigate the implementation and maintenance of IT infrastructure.
- Review the basics of management collaboration and reporting.
- Discuss education and careers in IT and how to pursue such a career.

This is an introductory course in support and services providing information technology services and management. There are no requirements other than a basic familiarity with personal computers and the Internet. Students should be able to access the web and to use it to retrieve information and create accounts on free services.

Unit 1: System Design and Implementation	
Assignments	
1. Course Overview	10. Project: Moving to the Cloud
2. Supporting the Business Workflow Model	11. Private Clouds
3. Project: Understanding Software Development Models	12. Hybrid Clouds
4. Operating Systems, Hardware, and Software Selection	13. Project: Companies in the Hybrid Cloud
5. Project: Building a Mind Map	14. Quiz 2: Cloud-Based Systems
6. Implementation and End-User Training	15. Special Project*
7. Project: Preparing a Support Plan	16. Unit 1 Test
8. Quiz 1: On-Premise Systems	17. Course Project Part 1: Creating an IT Service and Support Project from Scratch*
9. Public Clouds	18. Glossary and Credits

Unit 2: System Maintenance	
Assignments	
1. Anti-malware	10. Hardware and Software Redundancy-3
2. Patch Management	11. Project: Selecting Storage Area Networking Products
3. Project: Patch Management Project	12. Quiz 2: Disaster Recovery
4. Network Vulnerabilities	13. Special Project*
5. Project: Hackers	14. Unit 2 Test
6. Quiz 1: Security	15. Course Project Part 2: Specifying Software*
7. Hardware and Software Redundancy-1	16. Glossary and Credits
8. Hardware and Software Redundancy-2	
9. Project: Disaster!	

Unit 3: End-User Support**Assignments**

- | | |
|--|---|
| 1. Types of Help Desk Systems and Support | 10. Building a Knowledge Base |
| 2. Project: Training for a Service Desk | 11. Project: Creating a Knowledge Management Site |
| 3. Resolution Methodologies for Help Desks | 12. Quiz 2: Ticketing System / Knowledge Base |
| 4. Project: Branding and Customer Service | 13. Special Project* |
| 5. Customer Service | 14. Unit 3 Test |
| 6. Quiz 1: Helpdesk | 15. Course Project 3: How, How Much, and When?* |
| 7. Ticketing Systems | 16. Glossary and Credits |
| 8. Protocols and Procedures | |
| 9. Project: From Plato to Technical Support, a Paper on Problem Solving in History | |

Unit 4: Management Collaboration and Reporting**Assignments**

- | | |
|--|--|
| 1. Working with the Management Team | 10. Project Management Applications |
| 2. Project: Role-playing Senior Management Meeting | 11. Project: Creating a Project in Open Project |
| 3. Departmental Reporting | 12. Quiz 2: Leading Technology Projects |
| 4. Project: Role-playing with Departmental Reports | 13. Special Project* |
| 5. Emerging Technologies | 14. Unit 4 Test |
| 6. Quiz 1: Management Collaboration and Reporting | 15. Course Project Part 4: Management Collaboration and Reporting* |
| 7. Creating and Managing an IT Project | 16. Glossary and Credits |
| 8. Project: Create a Feasibility Study | |
| 9. Managing IT Projects | |

Unit 5: Continuing Education and Career Opportunities**Assignments**

- | | |
|---|--|
| 1. Pursuing Technical Education | 9. Off-Premise (Outsource) IT Support |
| 2. Technical Education Degree Programs | 10. Consultant/Educator |
| 3. Project: Take a Free Course in Computing | 11. Project: Imagining a Consulting Practice |
| 4. On-the-Job Training | 12. Quiz 2: Emerging Trends |
| 5. Project: Developing a Personal Syllabus | 13. Special Project* |
| 6. Quiz 1: Continuing Education | 14. Unit 5 Test |
| 7. On-Premise (Insource) IT Support | 15. Course Project Part 5: Presenting your plan* |
| 8. Project: Understanding Job Requirements and Certifications | 16. Glossary and Credits |

Unit 6: Course Review, and Exam**Assignments**

- | | |
|--|-----------|
| 1. Course Project Part 6: Describing What You Learned* | 2. Review |
| | 3. Exam |

Introduction to Network Systems

How can we automate the transfer of information from one computer to another? To answer that question, this course introduces students to the fundamental technology and concepts that make networking systems possible. The question itself is a very practical one and the concepts taught are more concerned with practices and processes rather than theoretical generalities.

The most important concept introduced is that of the OSI reference model and its bottom four layers, which are most directly concerned with networking instead of computing. Each networking layer is explored in a three-lesson chapter. By the end of the course, every student should be comfortable reading a sentence that says something like, "X is a protocol working at the third layer."

The course also explores a good deal of technology, specifically the software and hardware supporting LANs, WANs, and Wi-Fi networks. Particularly important are the protocols in the TCP/IP stack that are used to communicate across a network, but the students are also introduced to the hardware, including hubs, switches, bridges, routers, and transmission media. The student is expected to learn that a network is not some mysterious idea out there in cyberspace. It is a mechanism that is fully dependent on its parts working properly.

Once the students understand the fundamentals of the layers and network hardware, they can be introduced to questions of security, network management, and network operating systems. In particular, they should understand the role of the server. They have already encountered many examples of client-server relationships, and the material later in the course should introduce them to the many roles that a server can play as a part of a network.

Objectives

- State the purpose of a computer network, and explain the role of network hardware in achieving that purpose;
- List at least four protocols from the TCP/IP stack and explain how each contributes to data transmission;
- Explain the technical differences between a LAN and a WAN;
- Explain the importance of technical standards in networks;
- List all seven layers of the OSI reference model and explain what each of the bottom four layers contributes to a network;
- Compare and contrast the Windows Server and Linux operating systems.

Students who are unfamiliar with computers and/or the Internet are likely to be at a disadvantage in this course. There are, however, no theoretical concepts required or expected for students entering the course.

Unit 1: Networking Fundamentals		
Intro. to Network Systems	Assignments	
	1. Course Overview	10. Project: Slide Show: Networking Layers
	2. Networking Concepts	11. Data Encapsulation
	3. Project: Report: Technology Devices	12. Project: Slide Show: Data Encapsulation
	4. Network Devices and Components	13. Quiz 2: OSI and TCP/IP Networking Models
	5. Network Topologies	14. Special Project*
	6. Project: Hardware Awareness	15. Test
	7. Quiz 1: Computer Networks	16. Course Project Part 1: Uses of a Small Business Network*
	8. The OSI Reference Model	17. Glossary and Credits
	9. The TCP/IP Networking Model	
Unit 2: Network Access Concepts		
Intro. to Network Systems	Assignments	
	1. Physical Layer: Transmission Media, Properties, and Components	8. Components of the Data-link Layer
	2. Project: The Physical Layer	9. Project: FAQ: A Data-Link Sublayer
	3. Fundamentals of Electrical Circuits: Signaling and Circuit Configuration	10. Data-link Layer Devices
	4. Network Security at the Physical Layer	11. Project: Video: Data-Link Hardware
	5. Project: Under Attack	12. Quiz 2: Data Link Layer Networking Concepts
	6. Quiz 1: Physical Layer Networking Concepts	13. Special Project*
	7. The Data-Link Layer	14. Test
		15. Course Project Part 2: Physical Standards*
		16. Glossary and Credits
Unit 3: Local Area Networks		
Intro. to Network Systems	Assignments	
	1. LAN Fundamentals	10. Transport Layer Protocols
	2. Project: Proposal: Classroom LAN	11. Project: Slide Show: Sending/Receiving a Communication
	3. Ethernet LANs	12. Quiz 2: Network, Transport, and Application Layers
	4. Wireless LANs	13. Special Project*
	5. Project: Video: Value of Hotspots	14. Test
	6. Quiz 1: LAN Components and Technologies	15. Course Project Part 3: Internet Connection*
	7. Network Addressing	16. Glossary and Credits
	8. Project: Table: IP Addresses	
	9. Network Routing and Protocols	
Unit 4: Wide Area Networks and Securing the Network		
Intro. to Network Systems	Assignments	
	1. WAN Fundamentals	9. Network Threats and Mitigation
	2. Project: FAQ: WAN Connections	10. Project: Policy: Password Policy
	3. WAN Technologies and Protocols	11. Physical and Hardware Security
	4. WAN Transmission Media	12. Quiz 2: Network Security
	5. Project: Slideshow: Fiber Optics	13. Special Project*
	6. Quiz 1: Wide Area Networks	14. Test
	7. Authentication and Access Controls	15. Course Project Part 4: Security*
	8. Project: FAQ: Public Key Infrastructure (PKI)	16. Glossary and Credits

Unit 5: Managing the Network	
Assignments	
1. Managing and Monitoring the Network	10. The Linux Operating System
2. Project: Slide Show: Management	11. Project: Report: Network Wish List
3. Network Troubleshooting	12. Quiz 2: Network Operating Systems
4. Project: FAQ: Utilities	13. Special Project*
5. Software and Hardware Troubleshooting Tools	14. Test
6. Quiz 1: Network Management and Troubleshooting	15. Course Project Part 5: Servers and Operating System*
7. The Server in a Network	16. Glossary and Credits
8. Project: Diagram: Web Email Service	
9. Networking with Windows	

Unit 6: Course Review, and Exam	
Assignments	
1. Course Project Part 6: Slide show: Introducing Your Network*	2. Review
	3. Exam

New Applications: Web Development in the 21st Century

New Applications introduces students to the rapidly evolving world of apps, or applications. The introduction of the Apple II in 1977 followed by the IBM PC and scores of compatible computers just four years later created strong consumer demand for software programs, as these applications were referred to at the time. Capable of formatting spreadsheets, composing and proofing hundreds of lines of text, or supporting classroom instruction, computer programs were initially sold by specialty stores, college bookstores, or through the mail.

The explosive growth of the Internet that followed at the beginning of the twenty-first century with the introduction of high-speed networking, the dynamic World Wide Web, and most recently the development of affordable smartphones and web tablets have all contributed to global, cultural, and societal change.

This course begins with a historical tour of the Internet and World Wide Web as well as the programs and applications that made it possible for computer users on every continent to begin to explore and better understand their world. Then, through a step-by-step introduction to WordPress, students gain the tools and insight necessary to create their own web pages and discover their online voice.

In addition to learning how to use WordPress and other applications that promote students' presence on the World Wide Web, this course discusses how the web has become the foremost channel for the distribution of applications that increase the functionality of the web and support a global hub of social networking and communication. Students are introduced to the evolution of networking and data-transfer capabilities beginning with early HTTP protocols continuing through to the recent introduction of smartphones capable of connecting to sites on the World Wide Web without having to rely on a browser for navigation.

The course concludes with a survey of the continuing explosion of new apps, or applications, designed to operate on one or more of the proprietary mobile devices (smartphones, tablets, and netbooks). Students are given an opportunity to track fundamental changes in this growing industry as development has moved from the original model of a single experienced programmer developing a single app for distribution at little or no cost to a model in which retailers, non-profit organizations, government agencies, and Fortune 500 companies contract with mid-sized marketing and communications firms to develop sophisticated apps designed to raise global market and public awareness of institutions and issues. Additionally, students have an opportunity to understand that career opportunities in app development have evolved from programming and coding to now include marketing, public relations, creative arts, project and product management and sales, with a growing number of careers in the industry requiring little if any actual programming experience.

New Applications is a survey course that travels from the first software programs developed to facilitate communication on the Internet to the new generation of mobile and native apps that access the Internet without a reliance on a web browser. New Applications is also a practical course in how to develop a presence on the World Wide Web using WordPress and other available web-application tools. The goal of the course is to provide the learner insight into the rapidly evolving universe of programming and application development so that he or she can make informed career decisions in an industry that is changing as quickly as it is growing.

Objectives

- Describe major advances in network and communications technology beginning with the early Internet and continuing through the introduction of web-enabled smartphones and other devices.
- Create a web presence using simple applications.
- Evaluate and select from a variety of web development tools and apps those most appropriate for their interests and needs.
- Design a current generation app for use on a smartphone or tablet.
- Evaluate the education and training qualities and experiences essential to secure a position with growth potential in the app industry

This is an introductory course in the history and development of new applications for use on web-enabled devices including personal computers, tablets, smartphones, and ultrabooks. While there are no specific prerequisites for this course, students should have a basic understanding of the Internet, the World Wide Web, browsers, file formats, hardware, and software applications. Students who have working knowledge of IP addressing, programming, the differences among local, wide-area, and cloud-computing networks as well as the current state of mobile devices will be well prepared to complete this course.

Unit 1: The World Wide Web: History and Definitions		
New Applications	Assignments	
	1. Course Overview	10. The Editor's Two Flavors: HTML (Part Two)
	2. History of the Web in a Nutshell	11. Project: On Assignment as a Web Developer
	3. Project: The Interconnected Internet	12. The Wave of the Present – WordPress
	4. File Sizes and Resolution	13. Quiz 2: Hosted and Non-Hosted Applications
	5. Project: Consulting	14. Special Project*
	6. What Does This Do? Hosted vs. Local Computing	15. Unit 1 Test
	7. Quiz 1: Defining the Web	16. Course Project Part 1: The Home Page*
	8. Manual Transmission: HTML (Part One)	17. Glossary and Credits
	9. Project: Developing HTML	
Unit 2: Web Site Design on Content Managed Platforms		
New Applications	Assignments	
	1. WordPress Roles	10. Third Party Add-ons
	2. Project: Developing a WordPress Account	11. Project: A Comparative Study of Apps, Plugins, and Extension
	3. WordPress Themes	12. Quiz 2: Website Elements
	4. Project: Marketing to a Potential Client	13. Special Project*
	5. Topography	14. Unit 2 Test
	6. Quiz 1: WordPress Components	15. Course Project Part 2: Planning the Site*
	7. Detailed Editors	16. Glossary and Credits
	8. Widgets	
	9. Project: Bringing It All Together	

Unit 3: Managing Site Creation		
New Applications	Assignments	
	1. Assigning Roles	9. Approvals, Change Orders, and Last-Minute Edits
	2. Project: Photos, Videos, and Sound Files in WordPress	10. Self-Evaluation and Your Projects
	3. Designing the Publication	11. Project: Baseline, Benchmark, Objective, and Goal
	4. Project: Creating Posts	12. Quiz 2: Working Together
	5. Developing the Content	13. Special Project*
	6. Quiz 1: Bringing It All Together	14. Unit 3 Test
	7. Publishing Deadlines	15. Course Project Part 3: Under Construction*
	8. Project: Creating a Statement of Work	16. Glossary and Credits
Unit 4: Internet Distributed Applications		
New Applications	Assignments	
	1. What Are Internet Distributed Applications?	9. Project: RSS Feed Comparisons
	2. Project: What Is Cloud Computing?	10. Report on the Present
	3. Distribution of Internet Applications	11. Project: Find Your Own Trends
	4. Project: Are You Online or Offline?	12. Evaluating Products and Services
	5. The Internet Is a Revolutionary Path to Application Development	13. Quiz 2: Emerging Trends
	6. Project: New Technology: Autos vs. Internet	14. Special Project*
	7. Quiz 1: Introduction to Internet Distributed Applications	15. Unit 4 Test
	8. Strategies for Keeping Well-informed about New Trends and Developments	16. Course Project Part 4: Reviewing Web Applications*
		17. Glossary and Credits
Unit 5: New Apps: Creativity and Careers		
New Applications	Assignments	
	1. The Mobile Apps Industry	10. Technology Advances Careers Redefined
	2. Project: Apps Review	11. Project: Next Year's App Solution
	3. Building Apps	12. Quiz 2: Career Choices: Solo or Solid
	4. Health Considerations in Developing Apps	13. Special Project*
	5. Project: The Ergonomic App Development Office	14. Unit 5 Test
	6. Quiz 1: A New Industry	15. Course Project Part 5: The Mobile App Hall of Fame*
	7. Entrepreneurial App Development	16. Glossary and Credits
	8. Project: Researching Network Operating Systems	
	9. Expanding Career Opportunities in a New Industry	
Unit 6: Course Review, and Exam		
	Assignments	
	1. Course Project Part 6: The Future of Apps Blog*	3. Exam
	2. Review	

Software Development Tools

This course introduces students to the variety of careers related to programming and software development. Students will gather and analyze customer software needs and requirements, learn core principles of programming, develop software specifications, and use appropriate reference tools to evaluate new and emerging software. Students will produce IT-based strategies and a project plan to solve specific problems, and define and analyze system and software requirements.

Objectives

- Understand the development of the computer.
- Be able to describe the organization of the Central Processing Unit.
- Demonstrate knowledge of widely used software applications (e.g., word processing, database management, spreadsheet development).
- Identify three levels of programming languages.
- Identify execution differences between interpreted, translated, and compiled languages.
- Describe how computers address data in memory.
- Design structures, classes, and objects that include variables and methods.
- Summarize how data is organized in software development.
- Understand the standard primitive types and operations of the java programming language.
- Define and initialize Java arrays.
- Demonstrate knowledge of the basics of structured, object-oriented language.
- Write software applications using while, do while, for, for-each loops.
- Define logic statements using if, else if, else and switch statements.
- Develop an application using conditional statements.
- Demonstrate knowledge of key constructs and commands specific to a language.
- Develop an application that responds to user input.
- Develop a web application that responds to user input.

Unit 1: Introduction to Software Development Tools	
Software Development Tools	Assignments
	1. Course Overview
	2. Coding Standards and Conventions
	3. Software Processes and Methodology
	4. Project: Grades Projection IPO
	5. Software Types and Elements
	6. Project: Software Types and Elements
	7. Quiz 1: Computer History, Computer Hardware, Software, and Organization
	8. Multimedia and Graphics Software Applications
	9. Web-Based Software Applications
	10. Project: Multimedia and Web Design Careers
	11. Software Design Principles and Tools
	12. Project: Software Design Principles Table
	13. Quiz 2: Central Processing Unit Operations
	14. Special Project*
	15. Unit 1 Test
	16. Glossary and Credits

Software Development Tools	Unit 2: Software Development	
	Assignments	
	1. Personal Information Management (PIM) Tools	9. Project: My Personal Website
	2. Project: My Mind-Mapping	10. Integrated Development Environments (IDEs)
	3. Computer Security Application Tools	11. Project: My Text Editor IDE Evaluation
	4. Individual Programming Development Tools	12. Quiz 2: Building Blocks of Programs
	5. Project: Assessment of Competitive Office Suites	13. Special Project*
	6. Quiz 1: Different Language Abstraction Layers	14. Unit 2 Test
	7. Database Software Development Tools	15. Glossary and Credits
	8. Web Design Software Development Tools	
	Unit 3: Debugging	
	Assignments	
	1. Download, Install, Explore IntelliJ IDEA	9. STDIN and STDOUT
	2. Download, Install, Explore NetBeans	10. File Input, Output, and Network Input, Output
	3. Project: MY IntelliJ NetBeans IDE Evaluation	11. Project: Concepts of File I/O and Network I/O
	4. Download, Install, Explore Eclipse	12. Quiz 2: Text Input, Output, and Exceptions
	5. Project: MY IntelliJ NetBeans Eclipse IDE Evaluation	13. Special Project*
	6. Quiz 1: Basic Java Applications	14. Unit 3 Test
	7. Exceptions	15. Glossary and Credits
	8. Project: Best Practices in Exception Handling in Java Programming	
	Unit 4: Software Configuration Management	
	Assignments	
	1. Code Blocks	9. Project: Write an IF...ELSE Program that Computes the New Salary for the CIO
	2. Project: Concepts of Programming Code Structure in Java	10. Switch Statements
	3. Iterative Loops	11. Project: Write a Program Using a SWITCH Statement
	4. For-Each Loops	12. Quiz 2: If, Then, and Switch Statements
	5. Project: Computing Class Grades	13. Special Project*
	6. Quiz 1: While, Do, While, For, Statements	14. Unit 4 Test
	7. Java Logic	15. Glossary and Credits
	8. If, Else If, Else	

Software Development Tools

Unit 5: Object Modeling UML and Software Testing	
Assignments	
1. Swing and AWT	8. Project: Social Media on Campus
2. Creating Frames and Dialog Boxes, Components, Form Fields, Panels, Buttons	9. Application Servers and JavaServer Pages (JSP)
3. Project: Building Better Java using GUI Applications, Frames, Containers, and Dialogs	10. JavaServer Faces and Future Trends in Programming
4. HTML and Web Pages	11. Project: Create a Simple Java Server Page
5. Project: Creating a Web Page	12. Quiz 2: The Future of Programming
6. Quiz 1: GUI Programming	13. Special Project*
7. Business Information System Trends, Applications, and eCommerce	14. Unit 5 Test
	15. Glossary and Credits

Unit 6: Course Project, Review and Exam	
Assignments	
1. Course Project: The Design Team: Creating a Tablet GUI*	2. Review
	3. Exam

Introduction to Careers in Manufacturing

The Introduction to Careers in Manufacturing course provides the fundamentals of manufacturing in the United States and explores the jobs and career opportunities that manufacturing offers.

Unit 1 provides an overall view of manufacturing in the United States, including how it evolved, how manufacturers are organized, and the impact of manufacturing on our society and economy.

Unit 2 examines the elements of process design, management, and improvement through quality assurance plans, production and quality control, and performance measurement systems.

Unit 3 focuses on jobs and careers in manufacturing, including the need for skilled workers, the outlook for manufacturing in the U.S., and the competencies that manufacturers value and develop in their workers.

Unit 4 focuses on key elements in manufacturing systems and types of manufacturing processes. It also covers research and development, product design, process design and management, and lean manufacturing.

Unit 5 addresses two areas of concern for manufacturers: compliance and safety. It introduces the regulatory and safety environments in which manufacturers work and the steps they take to comply with regulations, as well as the steps some manufacturers take to go beyond compliance to create a high-performing workplace.

Objectives

- Evaluate the impact of manufacturing, including the Industrial Revolution and Second Industrial Revolution, on the U.S. society and economy.
- Describe the value of manufacturing to and its impact on American society and economy.
- Analyze possible careers available in manufacturing and its subsectors and in manufacturing operations.
- Interpret the trends in manufacturing technologies and how they will change the industry and our lives.
- List the benefits of standards in manufacturing processes and products.
- Identify the goals of quality assurance, including process redesign, management, and improvement.
- Estimate the diversity of and potential for growth in manufacturing career opportunities, including the need for skilled workers.
- Describe the personal effectiveness, academic, and workplace competencies, and evaluate their value to manufacturers.
- Summarize the manufacturing research and development process and the types of jobs needed to perform it.
- Characterize the role of product design in manufacturing, and list the steps in a typical product design process.
- Describe how manufacturers design, manage, and improve their processes.
- Compare the types of production systems and processes.
- Define manufacturing process, and identify the types of jobs such processes offer.
- Describe the benefits, key principles, and elements of lean manufacturing.
- Examine the purpose of regulations for manufacturers.
- List the main compliance areas for manufacturing.
- Evaluate the impact of regulations on manufacturing, on public health and safety, and on environmental protection.
- Summarize the most common safety hazards in manufacturing.
- Describe the key components of an effective workplace safety program.
- Characterize the attributes of a high-performing workplace.

Intro. to Careers in Manufacturing	Unit 1: Scope and Economic Effect of Manufacturing in the USA and Beyond	
	Assignments	
	1. Course Overview	10. Manufacturing Technologies
	2. The Evolution of Manufacturing	11. Project: The Impact of a New Technology
	3. How Manufacturers Are Organized	12. Manufacturing Operations
	4. Project: Learning About Your Interests	13. Quiz 2: The Structure of Manufacturing
	5. The Impact of Manufacturing	14. Special Project*
	6. Project: Emerging Technologies	15. Test
	7. Quiz 1: Manufacturing's Impact on the Economy	16. Course Project Part 1: Exploring a Career in Manufacturing*
	8. Manufacturing Industries	17. Glossary and Credits
	9. Project: Learning More about a Manufacturing Subsection	
Intro. to Careers in Manufacturing	Unit 2: Process Improvement in Manufacturing	
	Assignments	
	1. Quality Assurance	9. Project: Interpret Variation in a Process
	2. Manufacturing Process Improvement	10. Measuring Performance
	3. Project: Use PDSA to Problem Solve	11. Project: Compare Balanced Scorecards
	4. Manufacturing Process Redesign	12. Quiz 2: Production Quality, Planning, and Control
	5. Project: Redesign a Process	13. Special Project*
	6. Quiz 1: Process Management and Improvement	14. Test
	7. Production Planning and Inventory Control	15. Course Project Part 2: Explore Jobs and Careers*
	8. Production Control and Quality Control	16. Glossary and Credits
Intro. to Careers in Manufacturing	Unit 3: Careers in Manufacturing	
	Assignments	
	1. Careers in Manufacturing	8. Academic Competencies for Manufacturing
	2. Project: Find Job Openings at a Manufacturer	9. Project: Improve Your Academic Competencies
	3. The Outlook for Manufacturing Jobs	10. Workplace Competencies for Manufacturing
	4. Education for Careers in Manufacturing	11. Project: Explain a Business Fundamental
	5. Project: Evaluate Your Readiness for Manufacturing Jobs	12. Quiz 2: Competencies for Manufacturing
	6. Quiz 1: Jobs and Careers in Manufacturing	13. Special Project*
	7. Personal Effectiveness Competencies for Manufacturing	14. Test
		15. Course Project Part 3: Prepare a Learning Plan*
		16. Glossary and Credits
Intro. to Careers in Manufacturing	Unit 4: Advanced Manufacturing Processes	
	Assignments	
	1. Manufacturing Research and Development	9. Manufacturing Processes
	2. Project: Research and Development: Is It for You?	10. Lean Manufacturing
	3. Product Design	11. Project: A Case Study: Toyota's Lean Manufacturing Process
	4. Process Design and Management	12. Quiz 2: Manufacturing Systems and Processes
	5. Project: Developing an Understanding of Continuous Improvement	13. Special Project*
	6. Quiz 1: Product and Process Design	14. Test
	7. Manufacturing Systems	15. Course Project Part 4: Think Process*
	8. Project: The Baldrige Award	16. Glossary and Credits

Intro. to Careers in Manufacturing	Unit 5: Safety and Regulations in Manufacturing	
	Assignments	
	1. Manufacturing Regulations and Standards	9. Project: Study OSHA Violations
	2. Compliance for Manufacturers	10. Developing a High-Performing Workplace
	3. Project: Research Manufacturing Compliance Jobs	11. Project: Evaluate a Best U.S. Company
	4. The Impact of Regulations on Manufacturing	12. Quiz 2: Safety in a High-Performing Workplace
	5. Project: Argue a Regulatory Issue	13. Special Project*
	6. Quiz 1: Manufacturing Regulations and Compliance	14. Test
	7. Manufacturing Workplace Hazards	15. Course Project Part 5: Determine Potential Hazards*
	8. Manufacturing Workplace Safety Programs	16. Glossary and Credits
	Unit 6: Course Project, Review, and Exam	
	Assignments	
	1. Course Project Part 6: Look to the Future*	3. Exam
	2. Review	

Careers in Manufacturing Processes

Careers in Manufacturing Processes concerns the manufacturing process, from the conception of a new product through the prototype stage to fabrication, assembly, testing, and customer satisfaction. Manufacturing is the beating heart of American enterprise. Indeed, it is the heart of the economy of any advanced industrialized nation. This course examines every aspect of the manufacturing process from strategy and management to factory-floor tactics.

Objectives

- Analyze means for achieving excellence in a manufacturing company.
- Develop skills to draw up a manufacturing plan and schedule.
- Chart the manufacturing skills needed to research and create products that address the needs of current and future customers.
- Apply market research, analytical skills, and financial understanding to the concepts of entrepreneurial endeavors in manufacturing.
- Analyze engineering, quality, and manufacturing responsibilities needed to build an excellent process and team approach.
- Recognize the need for accurate records and for making decisions based on data and facts.
- Analyze data, records, and budgets to determine optimal business and management strategies for the company.
- Develop interpersonal, communication, and critical thinking skills to work in teams and to use the skills of all team members.
- Chart the job and skill types that create manufacturing processes from conception to post purchase.
- Instruct others on the basics of maintaining safe working environments.
- Analyze the cultures of high-performing companies, and differentiate among various kinds of continuous improvement and lean manufacturing strategies.
- Analyze fabrication, assembly, inspection, and testing as they combine in a value stream to produce a quality product meeting or even exceed customer expectations.
- Analyze the function and requirements of product service in the field and warranty work on products and how these two activities affect budgets and manpower.

Unit 1: Introduction to Manufacturing and Corporate Culture			
Careers in Manufacturing Processes	Assignments		
	1. Course Overview	10. Market Research and Core Competencies	
	2. Introduction to Manufacturing and Corporate Culture	11. Project: Preparing to Work with Your Dream Company	
	3. The Economic Impact of Manufacturing	12. Moving Forward into Preproduction	
	4. Project: Learning about a Manufacturing Company	13. Quiz 2: Customers and Manufacturing	
	5. The Manufacturing Career	14. Special Project*	
	6. Project: Looking at Work, Looking for Work	15. Test	
	7. Quiz 1: The Role of Manufacturing	16. Course Project Part 1: Introduction of Your Product or the Improvement to a Product*	
	8. Customers' Values and Needs	17. Glossary and Credits	
	9. Project: My Product to Improve the World		

Careers in Manufacturing Processes	Unit 2: Product Development Phase	
	Assignments	
	1. The Product Development Process	10. Release to Production
	2. Organizing a Product Development Team	11. Project: Project Assessment for Overseeing Testing of a Bicycle Trailer
	3. Project: Picking a Manufacturing Career	12. Quiz 2: Prototypes and Preproduction Testing
	4. The Evaluation of Alternative Designs Using 3P	13. Special Project*
	5. Project: What Do Others Think of an Idea?	14. Test
	6. Quiz 1: Developing a Product	15. Course Project Part 2: Prototype Phase*
	7. Building and Testing Prototypes	16. Glossary and Credits
	8. Prototype Flow from Procurement to Testing	
	9. Project: Prototype Project Manager for an Industrial Dishwasher	
Careers in Manufacturing Processes	Unit 3: Production I	
	Assignments	
	1. Production Planning	9. Scheduling Material
	2. Bill of Materials and Cost Collection	10. Identifying Critical Parts and Materials
	3. Project: Bill of Materials and Cost Collection for a Fundraiser	11. Project: Researching Supply Chain Risk
	4. Lean Manufacturing	12. Quiz 2: Procurement
	5. Project: A System of Profound Knowledge	13. Special Project*
	6. Quiz 1: Planning Production	14. Test
	7. Production Procurement	15. Course Project Part 3: Staffing*
	8. Project: Creating Documentation	16. Glossary and Credits
Careers in Manufacturing Processes	Unit 4: Production II	
	Assignments	
	1. Core Competencies and Production	9. Project: Ways OSHA Promotes Worker Safety
	2. Project: Investigate the Flexible Manufacturing System (FMS)	10. Continuous Improvement
	3. Manufacturing Processes, Safety, and Jobs	11. Project: Baldrige Award Winners and How They Won
	4. Core Competencies and Production	12. Quiz 2: Assembling and Testing Products
	5. Project: Working with TIM WOOD	13. Special Project*
	6. Quiz 1: The Manufacturing Process	14. Test
	7. Assembly and Testing	15. Course Project Part 4: Production Phase*
	8. Quality and Safety	16. Glossary and Credits

Careers in Manufacturing Processes	Unit 5: Customer Service: Before Delivery to After Delivery	
	Assignments	
	1. Customer Acceptance	10. Customer Satisfaction and Delight
	2. Project: Career Choices	11. Project: Customer Delight at a Car Accessories Store
	3. The Packing Process	12. Quiz 2: After Delivery
	4. Project: Dunnage	13. Special Project*
	5. Shipping	14. Test
	6. Quiz 1: Delivering the Product	15. Course Project Part 5: Delivery*
	7. Field Service	16. Glossary and Credits
	8. Project: Creating a Field Service Department	
	9. Warranty Service	
	Unit 6: Course Project, Review, and Exam	
	Assignments	
	1. Course Project Part 6: Corporate Responsibility*	3. Exam
	2. Review	

Introduction to Careers in Marketing

The Introduction to Marketing course will provide students with an overview of marketing, which is an essential element for any company that produces products that are bought and used by individuals.

Students will learn about what marketing is and how the process of marketing works, the role of market research and how companies incorporate ethics into their marketing strategies.

They will also learn about the importance of strategic planning for marketers, the five step marketing strategic process, and strategies for growth.

Students will learn about the environment in which marketers operate. This includes the microenvironment, which refers to entities and influences close to the company or marketer, and the macroenvironment, which refers to influences that impact all of society, such as culture, social trends, and technology.

They will also learn about the Four P's of the marketing mix: product, price, promotion, and place. Students will evaluate the importance of each of these four elements and learn specifically about how technology has changed the approach to the marketing mix. They will also learn about international markets and how to approach marketing at a global level.

After completing this course, students will have a fundamental understanding of the principles of marketing. They will be able to explain the marketing process, marketing strategic planning, the marketing environment, and the trends, opportunities, and challenges in the marketing world today.

Objectives

- Understand what marketing is and its role both within the company and society.
- Understand how marketing achieves its primary objective of adding value.
- Learn the marketing process and how it impacts marketing strategic planning.
- Understand the various components of the marketing environment.
- Analyze the elements of the marketing mix (the Four P's) and determine how each element contributes to the marketing effort.
- Become aware of the impact technology has had on marketing.
- Recognize the need for ethical practices and know the types and consequences of unethical behavior.

Intro. to Careers in Marketing	Unit 1: Overview of Marketing	
	Assignments	
	1. Course Overview	10. Project: Protecting Consumers from Harmful Products
	2. Marketing	11. Sustainability
	3. Project: Is There Truth in Advertising?	12. Project: Sustainability Initiative
	4. The Marketing Process	13. Quiz 2: Ethics and Sustainability
	5. Marketing Research	14. Special Project*
	6. Project: Identifying a Market	15. Test
	7. Quiz 1: Marketing	16. Course Project Part 1: Creating a Marketing Plan*
	8. Ethics	17. Glossary and Credits
	9. Ethical Issues	

Intro. to Careers in Marketing	Unit 2: Marketing Strategic Planning	
	Assignments	
	1. Defining the Business Mission	9. Implementation and Marketing Mix
	2. Project: Creating a Mission Statement	10. Evaluating Performance
	3. Conducting a Situational Analysis	11. Project: Measuring Web Performance
	4. Project: Analyzing a Company Using SWOT	12. Quiz 2: Strategic Planning (Part 2)
	5. Segmentation	13. Special Project*
	6. Quiz 1: Strategic Planning (Part 1)	14. Test
	7. Targeting and Positioning	15. Course Project Part 2: Segmenting the Market*
	8. Project: Paying Attention to Marketing Messages	16. Glossary and Credits
	Unit 3: The Marketing Environment and Consumer Behavior	
	Assignments	
	1. The Microenvironment	9. Psychological Factors
	2. Project: Conducting a Competitive Analysis	10. Social and Situational Factors
	3. The Macroenvironment (Part 1)	11. Project: Learning about Influences on Consumers
	4. The Macroenvironment (Part 2)	12. Quiz 2: Consumer Behavior
	5. Project: Economic Analysis	13. Special Project*
	6. Quiz 1: The Marketing Environment	14. Test
	7. The Consumer Decision-making Process	15. Course Project Part 3: Consumer Behavior*
	8. Project: Making a Purchase Decision	16. Glossary and Credits
	Unit 4: The Marketing Mix	
	Assignments	
	1. The Marketing Mix: Products	9. The Marketing Mix: Promotion (Part 1)
	2. Project: Developing a New Product	10. The Marketing Mix: Promotion (Part 2)
	3. The Marketing Mix: Services	11. Project: Using Promotional Tools
	4. The Marketing Mix: Price	12. Quiz 2: The Marketing Mix (Part 2)
	5. Project: Analyzing Price-fixing Cases	13. Special Project*
	6. Quiz 1: The Marketing Mix (Part 1)	14. Test
	7. The Marketing Mix: Distribution	15. Course Project Part 4: Promotional Strategy*
	8. Project: Learning About Logistics	16. Glossary and Credits

Intro. to Careers in Marketing	Unit 5: Marketing Today	
	Assignments	
	1. Technology: Products	9. Project: Expanding Globally
	2. Project: The Evolution of a Technology-based Product	10. Career Opportunities in Marketing
	3. Technology: Price and Distribution	11. Project: Finding a Job
	4. Technology: Promotion	12. Quiz 2: Global Marketing
	5. Project: Impact of Technology on Marketers	13. Special Project*
	6. Quiz 1: Technology	14. Test
	7. Global Marketing Evaluations	15. Course Project Part 5: Global Market Entry*
	8. Global Marketing Entry Strategies	16. Glossary and Credits
	Unit 6: Course Project, Review, and Exam	
	Assignments	
	1. Course Project Part 6: The Completed Marketing Plan*	2. Review
		3. Exam

Careers in Marketing Research

Marketing research is the foundation of all marketing activities because it provides the data needed to make key strategic decisions about products, promotions, pricing, and other key organizational decisions. This course will provide information about the process of investigation and problem analysis by using research to produce key marketing statistics that are communicated to management and used throughout the organization. This course concludes with the execution, interpretation, and presentation of marketing research.

Objectives

- Plan, organize, and manage day-to-day marketing research activities.
- Design and conduct research activities to facilitate marketing business decisions.
- Use information systems and tools to make marketing research decisions.
- Describe the impact of economics, economics systems and entrepreneurship on marketing.
- Implement marketing research to obtain and evaluate information for the creation of a marketing plan.
- Plan, monitor, manage, and maintain the use of financial resources for marketing activities.
- Plan, monitor, and manage the day-to-day activities required for continued marketing business operations.
- Describe career opportunities and the means to achieve those opportunities in each of the Marketing Career Pathways.
- Select, monitor, and manage sales and distribution channels.
- Determine and adjust prices to maximize return while maintaining customer perception of value.
- Obtain, develop, maintain, and improve a product or service mix in response to market opportunities.
- Communicate information about products, services, images, and/or ideas to achieve a desired outcome.
- Use marketing strategies and processes to determine and meet client needs and wants.

Unit 1: The World of Marketing Research	
Careers in Marketing Research	Assignments
	1. Course Overview
	2. Introduction to Market Research
	3. Project: Discovering Business Problems
	4. Market Research and the Organization
	5. Project: Pets and People's Attitudes Toward Them
	6. Trends in Marketing Research
	7. Quiz 1: Overview of Marketing Research
	8. Functions of Marketing Research
	9. Project: Utilizing the Functions of Marketing Research
	10. Marketing Research for Decision-making
	11. Project: Making Decisions Using Marketing Research
	12. Types of Marketing Research
	13. Quiz 2: Marketing Research and Decision-making
	14. Special Project*
	15. Test
	16. Course Project Part 1: Elements of Marketing Research*
	17. Glossary and Credits

Unit 2: The Marketing Research Industry and Ethics		
Careers in Marketing Research	Assignments	
	1. Overview of the Marketing Research Industry	9. Ensuring Ethical Standards in Each Phase of Research
	2. Project: Making Decisions Using Marketing Research	10. Project: Ethical Case Studies
	3. Key Firms in the Industry	11. Participants' Rights and Responsibilities
	4. The Marketing Research Industry Structure	12. Quiz 2: Research Ethics
	5. Project: Understanding and Utilizing the Marketing Research Industry Structure	13. Special Project*
	6. Quiz 1: The Marketing Research Industry	14. Test
	7. Marketing Research Ethics	15. Course Project Part 2: Careers and Ethical Situations in Marketing Research*
	8. Project: Examining a Code of Marketing Research Standards	16. Glossary and Credits
Unit 3: Types of Marketing Research		
Careers in Marketing Research	Assignments	
	1. Overview of Traditional Research Methods	9. Reaching Participants Online
	2. Using Surveys and Types of Surveys	10. Determining if Online Marketing Research is the Right Choice
	3. Project: Creating a Survey	11. Project: Determining if Online Marketing Research is the Best Choice
	4. Secondary Data and its Role in Marketing Research	12. Quiz 2: Online Marketing Research
	5. Project: Utilizing Secondary Data	13. Special Project*
	6. Quiz 1: Traditional Survey Research and Secondary Data	14. Test
	7. Technology and Marketing Research	15. Course Project Part 3: Marketing Research Study Design*
	8. Project: Utilizing Technology in Marketing Research	16. Glossary and Credits
Unit 4: Market Research Basics		
Careers in Marketing Research	Assignments	
	1. Overview of Measurement and Labeling of Information	9. Project: Careers in Data Processing and Analysis
	2. Project: Measurement in Marketing Research	10. Tabulating the Data
	3. Data Types and Marketing Research	11. Project: Examples of One-Way Tabulation and Cross-Tabulation
	4. Project: Examples of Nominal, Ordinal, Interval, and Ratio Scales	12. Quiz 2: Data Processing
	5. Data Examples and Their Uses	13. Special Project*
	6. Quiz 1: Concepts of Measurement	14. Test
	7. Raw Data into Useful Information	15. Course Project Part 4: Data Processing and Analysis*
	8. The Five Steps in the Data Processing/Analysis Phase	16. Glossary and Credits

Unit 5: Putting It All Together	
Careers in Marketing Research	Assignments
	1. Communicating the Research Results
	2. Project: Marketing Research Report
	3. Decisions Based on the Findings
	4. Project: Examples of Conclusions and Recommendations/Decisions
	5. Implementing the Decisions
	6. Quiz 1: Communicating the Research Results
	7. Managing Marketing Research for the Long Term
	8. Project: Changes that Require New or Updated Decisions
	9. Evaluating Decisions and Updating Information through Marketing Research
	10. Continued Uses for Data
	11. Project: Continued Uses of Data
	12. Quiz 2: Managing Marketing Research
	13. Special Project*
	14. Test
	15. Course Project Part 5: Making a Marketing Research Presentation*
	16. Glossary and Credits
Unit 6: Course Project, Review, and Exam	
	Assignments
	1. Course Project Part 6: Marketing Research: A Comprehensive Overview *
	2. Review
	3. Exam

Engineering and Design

Engineering and Design is part of the STEM (Science, Technology, Engineering, and Mathematics) education and career path. By building real-world problem-solving and critical-thinking skills, students learn how to innovate and design new products and improve existing products. Students are introduced to the engineering design process to build new products and to the reverse engineering process, which enables engineers to adjust any existing product.

Parallels and analogies from Scriptural examples will firmly seat the course in Bible truth, since God is the master engineer, designer, and creator of everything. Popular topics and issues that are politically controversial will be explored from a Biblical perspective.

A second and equally important emphasis will address how fluid power is used by engineers to make difficult maneuvers easier, increasing efficiency and minimizing effects on the environment. Students will then identify how engineering and design have a direct impact on environmental sustainability and economic greening, with Bible principles incorporated when appropriate. Finally, students will incorporate the engineering design process, environmental life cycle, and green engineering principles to create a decision matrix to learn how to solve environmental issues, while identifying how following God's original principles would have avoided producing those issues in the first place.

Objectives

- Understand the basic STEM requirements of engineers and the skills required for the occupation.
- Define and understand how forces are transmitted with fluid systems to build efficiency and increase sustainability. With this knowledge, students can solve a problem with a new design solution using fluid power.
- Utilize sketching skills and techniques to produce detailed sketches of components in the design of a real-world object to scale. This allows students to determine the feasibility of a product or design.
- Use the engineering design process and reverse engineering techniques and apply them to a design. They will be able to create and use decision matrices to make design decisions based on logic and analysis. Students will be able to identify and research environmental issues and challenges with respect to energy and air quality.
- Identify and analyze the environmental life cycle of a product or process to solve sustainability challenges for social and industrial environmental issues.

It is helpful if students are familiar with renewable and nonrenewable resources.

Many of the principles discussed in this course can be better addressed through the use of broken machines, toys, and electronics. Collection of these materials prior to the course will greatly help the student in the course.

Unit 1: Introduction to Engineering and Design and the Design Process		
Engineering and Design	Assignments	
	1. Course Overview	10. Project: Researching Materials Designs
	2. Design Opportunities All Around Us	11. Application of Materials
	3. Design Improvements	12. Project: Designing a Destructive Test
	4. Project: Creating a Product Discussion Forum	13. Quiz 2: Fundamentals of Engineering
	5. Improvements of Everyday Items	14. Special Project*
	6. Project: Model or Prototype Suggestion Presentation	15. Test
	7. Quiz 1: Introduction to Design Opportunities	16. Course Project Part 1: Identifying the Product or Process*
	8. Basic Engineering Concepts	17. Glossary and Credits
	9. Choosing Materials for Design	
Unit 2: Fluid Systems: Energy and Power Technologies in Engineering		
Engineering and Design	Assignments	
	1. Fluid Power Systems	9. Efficient Fluid Power Designs
	2. Fluid Power Devices	10. Designing a Fluid Power Lifting System
	3. Project: Researching a Fluid Power System Goal	11. Project: Designing a Fluid Power Lift System
	4. Designing Fluid Power Systems for Future Developments	12. Quiz 2: Fluid Power Applications and Capabilities
	5. Project: Creating a Fluid Power System for the Future	13. Special Project*
	6. Quiz 1: Introduction to Fluid Power	14. Test
	7. Common Applications for Fluid Power Systems	15. Course Project Part 2: Incorporating a Fluid Power System*
	8. Project: Identifying Fluid Power in Daily Life	16. Glossary and Credits
Unit 3: Modeling and Sketching		
Engineering and Design	Assignments	
	1. Introduction to Technical Sketching and Drawing	9. Project: Researching Model Uses in Remote or Dangerous Locations
	2. Project: Interview an Engineer About Sketching	10. Designing a Sketch Model
	3. Geometric Shapes and Solids in Engineering	11. Project: Presenting a Sketch Model of a Designed Pet Toy
	4. Drawing to Scale	12. Quiz 2: Sketch Modeling
	5. Project: Creating a Technical Sketch of an Everyday Object to Scale	13. Special Project*
	6. Quiz 1: Introduction to Design and Technical Sketches	14. Test
	7. The Applications for Modeling in Engineering	15. Course Project Part 3: Designing a Sketch Model*
	8. Modeling and Prototypes	16. Glossary and Credits

Unit 4: Reverse Engineering		
Engineering and Design	Assignments	
	1. Reverse Engineering: Visual Analysis	10. Calculating the Process: Materials, Time, and Cost for Improvement
	2. Reverse Engineering: Functional Analysis	11. Project: Researching Materials, Time, and Cost for Product Modifications
	3. Project: Creating a Function Structure Diagram or Product Teardown Chart	12. Quiz 2: Using Reverse Engineering for Product Improvement
	4. Reverse Engineering: Structural Analysis	13. Special Project*
	5. Project: Creating a Morphological Matrix	14. Test
	6. Quiz 1: Introduction to Reverse Engineering	15. Course Project Part 4: Calculating the Process: Materials, Time, and Cost Analyses*
	7. Finding the Product: The Reverse Engineering and Design Process Applied	16. Glossary and Credits
	8. Implementing the Procedure: Reverse Engineering a Product	
	9. Project: Reverse Engineering Documentation and Presentation	
Unit 5: Engineering to Improve Sustainability		
Engineering and Design	Assignments	
	1. Environmental Engineering Introduction	11. Project: Creating a Decision Matrix for an Environmental Issue
	2. Project: Researching a Local Sustainability Issue	12. Quiz 2: Environmental Life Cycle and Green Engineering Design
	3. Energy and Air Quality	13. Special Project*
	4. Green Buildings and Green Initiatives	14. Test
	5. Project: LEED Ratings for Building Construction	15. Course Project Part 5: Incorporating Green Engineering Principles*
	6. Quiz 1: Introduction to Environmental Engineering	16. Glossary and Credits
	7. Environmental Assessment and Impacts	
	8. Project: Researching Life Cycles for Assessment	
	9. Green Design Principles: Systems and Environment	
	10. Incorporating Green Engineering Principles	
Unit 6: Course Project, Review, and Exam		
Engineering and Design	Assignments	
	1. Course Project Part 6: Conducting a Life-Cycle Analysis*	2. Course Review
		3. Exam

Engineering and Innovation

The Engineering and Innovation course will provide students with an understanding of the field of engineering and introduction to the concepts of invention and innovation, as well as some of the skills and tools necessary to invent and innovate. This information will provide students with the ability to invent and innovate in their field of choice.

Students will learn details about the scope and nature of the field of engineering, as well as the Biblical principles that serve as the foundation for engineering and work in general. They will also learn about the history of invention and innovation and how those activities play a role in the advancement of human society. Students will be introduced to patents, regulations, and ethical and professional standards that apply in the fields of engineering and invention.

Students will also learn about analytical modeling and problem solving, interpreting the results of models and experiments, and understanding how bias impacts outcomes. In addition, students will learn about innovations and inventions in the fields of biomedicine and the environment and how those fields have impacted the health and well-being of society. Lastly, students will learn about career choices and organizations and resources available for individuals who wish to incorporate invention and innovation into their careers and lives.

Objectives

- Understand the field of engineering as well as the concepts of invention and innovation.
- Understand the history of inventions and innovations and compare and contrast the roles of innovators, inventors, and engineers.
- Understand the changes that inventions have brought to society and how engineers and inventors collaborate with business.
- Understand how to search and apply for patents, find regulations, and research ethical and professional standards that apply in the fields of engineering and innovation.
- Understand the process of invention as problem solving, including using and interpreting models, and apply a model to a problem to solve it.
- Understand problem solving and innovation specifically in the fields of biomedicine and the environment.
- Identify career options and resources in interest areas, as well as understand how to bring a product or idea to market.

For topics in this course, it is helpful for students to be familiar with general concepts of the world of business as well as the basics of conducting research on websites.

If students are unfamiliar with these topics, it is recommended that they familiarize themselves with conducting online searches for business-related topics on the Internet by visiting sites such as BusinessUSA.gov or business magazine websites such as Forbes.com or BusinessWeek.com. These websites will provide an introduction to what is currently happening in the business world as well as give students an opportunity to practice navigating websites.

Unit 1: Introduction to Engineering and Innovation		
Engineering and Innovation	Assignments	
	1. Course Overview	10. Engineers as Inventors
	2. Who are Inventors and Innovators?	11. Project: Researching an Innovator
	3. Exploring Engineering and Business	12. Life-Altering Innovation
	4. Project: Innovating a Product	13. Quiz 2: The History of Invention
	5. Who's the Hero: The Inventor or the Business?	14. Special Project*
	6. Project: Starting a Business	15. Test
	7. Quiz 1: Introduction	16. Course Project Part 1: History of Related Inventions*
	8. The History of Invention	17. Glossary and Credits
	9. Project: Historical Inventions	
Unit 2: Patents and Regulations		
Engineering and Innovation	Assignments	
	1. Provisional and Traditional Patents	10. The Balance Between Excessive Regulation and Encouraging Innovation
	2. Types of Patents	11. Project: Apply for a Patent: Rules and Regulations
	3. Project: Comparing Patent Applications	12. Quiz 2: Regulations and Innovations
	4. Scope of Patent Protection	13. Special Project*
	5. Project: Patent Search	14. Test
	6. Quiz 1: Patents	15. Course Project Part 2: Patenting the Invention*
	7. Laws and Regulations	16. Glossary and Credits
	8. Project: Apply for a Patent	
	9. Staying Current on New Laws	
Unit 3: Ethical and Professional Practices		
Engineering and Innovation	Assignments	
	1. Ethics in Innovation	9. Project: Practicing Analytical Skills
	2. Project: Case Study: Ethical Innovation by a Company	10. Modeling in Innovation
	3. Professional Standards	11. Project: Career Exploration
	4. Project: Industry Ethics and Professional Standards	12. Quiz 2: Analytical Problem Solving
	5. Familiarization with Rules and Requirements	13. Special Project*
	6. Quiz 1: Ethical and Professional Innovators	14. Test
	7. Researching as Inventors	15. Course Project Part 3: Modeling the Invention*
	8. Analytical Approach to Innovation	16. Glossary and Credits
Unit 4: Analytical Modeling and Outcomes Assessment		
Engineering and Innovation	Assignments	
	1. Analytical Modeling	10. Interdependence: Innovation and Environment
	2. Project: Comparing Models	11. Project: New Innovation for the Environment
	3. Choosing a Model and Limiting Bias	12. Quiz 2: Green and Environmental Issues in Innovation
	4. Interpreting Results	13. Special Project*
	5. Project: Career Exploration	14. Test
	6. Quiz 1: Analytical Model Selection and Outcomes	15. Course Project Part 4: Solving Environmental Issues with This Invention*
	7. Innovation and Environmental Sustainability	16. Glossary and Credits
	8. Innovation in Environmental Causes	
	9. Project: Environmentally Conscious Innovation	

Unit 5: Biomedicine and Emerging Innovations	
Engineering and Innovation	Assignments
	1. Biomedical Innovation
	2. Project: Impact of Biomedical Innovation
	3. Resources in Innovation for Biomedicine
	4. Project: Researching the Biomedical Innovation Process
	5. Advancement of Humankind from Biomedical Innovations
	6. Quiz 1: Engineering and Technical Tools
	7. Innovators, Inventions, and Modeling
	8. Project: Your Invention
	9. Careers in Innovation
	10. Resources for Innovators
	11. Project: Researching Innovative Groups
	12. Quiz 2: Summary and Advancement
	13. Special Project*
	14. Test
	15. Course Project Part 5: Identifying Resources*
	16. Glossary and Credits
Unit 6: Course Project, Review, and Exam	
	Assignments
	1. Course Project Part 6: Business Plan
	2. Course Review
	3. Exam

Engineering and Product Development

Engineers address society's needs and problems by designing and producing products and services. The field is diverse and includes Christian professionals who design skyscrapers, design machinery, oversee public works, and develop software and systems.

The purpose of this course is to provide an overview of the concepts of product engineering and development from a Christ-centered perspective. Students will analyze the life cycle of a product to prepare it for distribution and target markets. The course begins with building an understanding of the product life cycle, from the initial idea to drafting requirements to using 3-D modeling tools and other design tools. The final unit focuses on assembling project plan pieces for a product and evaluating the plans for a successful product launch. In addition, the course will provide information about the different careers available to students interested in engineering, product development, and project management, as well as, organizations that provide encouragement to Christian engineers.

Objectives

- Understand the field of engineering design and product development, as well as economic and project management concepts.
- Recognize the complex variables that need to be planned and coordinated as part of the product development life cycle.
- Develop ideas for overcoming challenges and issues related to engineering and product development and identify different career paths related to engineering and project management.
- Analyze product development life cycle management and discuss the role of data and human resources.
- Identify best practices for project management in engineering and strategies for building successful projects that utilize communication and critical thinking skills required for addressing complex problems.
- Evaluate and critique multiple perspectives and multiple vested interests involved in engineering project management and product development.

For topics in this course, it is helpful for students to be familiar with general concepts about engineering, as well as the basics of accessing IT tools and resources for conducting research on web sites.

If students are not familiar with these topics, it is important for them to familiarize themselves with online resources for engineering and product development.

Unit 1: Introduction to Engineering and Product Development	
Assignments	
1. Course Overview	10. Testing the Product
2. Introduction to Engineering	11. Deploying Products to Market
3. Fundamentals of Product Development	12. Project: Software Deployment Plan
4. Project: Analyze Product Engineering	13. Quiz 2: Specifications, Design and Testing Products
5. Identifying and Testing Product Concepts	14. Special Project*
6. Project: Product Development Process	15. Test
7. Quiz 1: Engineering and Product Concepts	16. Course Project Part 1: Research Smart Grids*
8. Requirements in Engineering, Design and Developing a Prototype	17. Glossary and Credits
9. Project: Write Engineering Requirements for Your Product	

Engineering and Product Development	Unit 2: Project Charter and Requirements (PDLC Phases)	
	Assignments	
	1. What is a Project Charter?	9. Project: Competing with the Best
	2. Writing Project Charters and Understanding Requirements	10. Writing Product Requirements
	3. Project: Write a Project Charter	11. Project: Reverse Engineering
	4. Analyzing Project Charters	12. Quiz 2: Establishing Requirements
	5. Project: Write a Charter for a Recycling Project	13. Special Project*
	6. Quiz 1: The Components of Project Charters	14. Test
	7. What Are Requirements?	15. Course Project Part 2: Summarizing Case Studies of Selected Smart Grid Technology*
	8. Defining and Writing Requirements	16. Glossary and Credits
	Unit 3: Design and 3-D Modeling	
	Assignments	
	1. Design Engineering	9. Project: Design a Part in 3-D
	2. Project: Student Engineer Needed: Houseplant Watering System	10. Evaluate Engineering Tools and Careers
	3. Analyze Problems and Potential Solutions in Design Engineering	11. Project: Evaluate 3-D Modeling Tools
	4. Analyze Design Plans	12. Quiz 2: Becoming Familiar with Design Tools
	5. Project: Design a Running Shoe	13. Special Project*
	6. Quiz 1: Exploring the Possibilities in Design	14. Test
	7. Engineering Modeling Tools	15. Course Project Part 3: Developing Components for the Final Project Plan*
	8. Practice Using Engineering Modeling Tools	16. Glossary and Credits
	Unit 4: Product Launch (Implementation)	
	Assignments	
	1. The Implementation Stage	9. Project: Timeline, Market, Budget
	2. Analyze an Implementation Plan	10. Marketing, Engineering, and Implementation
	3. Project: Write an Implementation Plan	11. Project: Reverse Engineer a Marketing Plan
	4. PLM, Implementation, and Industry Concepts	12. Quiz 2: Getting the Product Ready for the Market
	5. Project: Prepare a Presentation about Engineering Contests	13. Special Project*
	6. Quiz 1: Putting Implementation into Action	14. Test
	7. Implementation Plan and Product Launch	15. Course Project Part 4: Designing and Modeling the Smart Grid*
	8. Implementation Plan and Product Life Cycle	16. Glossary and Credits

Unit 5: Review Full Product Development Life Cycle	
Engineering and Product Development	Assignments
	1. Reviewing the Product Development Life Cycle and Key Strategies
	2. Project: Write a Project Plan
	3. Assembling a Successful Project Plan
	4. Planning, Structure, and Thinking Behind Project Plans
	5. Project: Write Part of a Project Plan Chart
	6. Quiz 1: Putting Together the Pieces of the Plan
	7. Compare and Contrast Project Plans
	8. Assembling Project Plans and Engineering for the Twenty-First Century
	9. Project: Develop a 3-D Video Game Project Plan and Sample Game
	10. How to Evaluate Project Plans
	11. Project: Write a Project Brief and Evaluate It
	12. Quiz 2: Perfecting Your Project Plan
	13. Special Project*
	14. Test
	15. Course Project Part 5: Implementation Plan*
	16. Glossary and Credits
Unit 6: Course Project, Review, and Exam	
E&PD	Assignments
	1. Course Project Part 6: Finalize Your Proposal*
	2. Course Review
	3. Exam

Introduction to Careers in Transportation, Distribution, and Logistics

Transportation and Distribution Logistics is a course intended to introduce students to the complicated world of commercial transportation. This area of commerce is becoming increasingly complex and sophisticated, with work and career openings available at all levels of education. Most people, however, see only fragments of the big picture.

Transportation is among the most crucial and defining elements of modern commerce. The ability to move people and goods from place to place requires vast investments of technology, and of manpower. Without that investment almost all aspects of modern life would grind to a halt.

Objectives

- Describe the nature and scope of the Transportation, Distribution, and Logistics Career Cluster and the role of transportation, distribution, and logistics in society and the economy.
- Describe the application and use of new and emerging advanced techniques to provide solutions for transportation, distribution, and logistics problems.
- Describe the key operational activities required of successful transportation, distribution, and logistics facilities.
- Identify governmental policies and procedures for transportation, distribution, and logistics facilities.
- Describe transportation, distribution, and logistics employee rights, and responsibilities, and employers' obligations concerning occupational safety and health.
- Describe career opportunities and means to achieve those opportunities in each of the transportation, distribution, and logistics career pathways.
- Understand the strengths and weaknesses of the major modes of transportation, and the technological innovations that are occurring in each area.
- Learn about the role of governmental agencies and their impact on transportation systems.
- Analyze financial data to develop budgets, and determine profitability, cost reduction, and asset utilization.
- Identify the job requirements and aptitude needed to successfully pursue different career pathways in the TDL areas.

Unit 1: Transportation Overview	
Assignments	
1. Course Overview	10. The Regulatory and Competitive Environment for Transportation
2. Characteristics of Each Transportation Mode	11. Careers in Transportation That Move People
3. Project: Create a Shipping Plan	12. Project: Understanding Educational Requirements for Specific Jobs
4. A Brief History of Transportation, Logistics, and the Economic Environment	13. Quiz 2: Transportation of People and the Regulatory Environment
5. Careers in Transportation	14. Special Project*
6. Project: A Week in the Life of a Transportation Worker	15. Test
7. Quiz 1: Modes of Transportation	16. Course Project Part 1: What's Your Niche?*
8. Mass Transportation	17. Glossary and Credits
9. Project: FAA Guidelines for Pilots	

Unit 2: Distribution and Warehousing**Assignments**

- | | |
|---|---|
| 1. The Roles of Distribution | 9. Managing Distribution Operations |
| 2. Project: Design a Distribution Center | 10. Careers in Distribution Center Management |
| 3. Warehouse Functions and Facilities Management | 11. Project: Interview a Warehouse Employee |
| 4. Facility Layout and Equipment | 12. Quiz 2: Roles and Responsibilities in the Distribution Center |
| 5. Project: Visit a Warehouse | 13. Special Project* |
| 6. Quiz 1: Inside Distribution Centers and Warehouses | 14. Test |
| 7. Automation in Distribution | 15. Course Project Part 2: Your Team* |
| 8. Project: Create an Advertisement | 16. Glossary and Credits |

Unit 3: Transportation Systems, Infrastructure Planning, Management & Regulation**Assignments**

- | | |
|--|---|
| 1. History of Transportation Systems in the United States | 10. Careers in Transportation Planning and Regulation |
| 2. Project: The Pony Express | 11. Project: Getting Around Your Community |
| 3. History of Transportation Systems in Europe | 12. Quiz 2: Modern Transportation Infrastructure Management, Planning, and Regulation |
| 4. Project: Early Transportation Systems | 13. Special Project* |
| 5. History of Transportation in Asia | 14. Test |
| 6. Quiz 1: History of Transportation Systems | 15. Course Project Part 3: Job Descriptions* |
| 7. Modern Transportation Infrastructure | 16. Glossary and Credits |
| 8. Project: Regulated Transportation Industries | |
| 9. Transportation Planning and Regulation in the United States | |

Unit 4: Logistics & Logistics Services**Assignments**

- | | |
|---|--|
| 1. Inventory Management | 9. Project: United States Army Corps of Engineers: Their Contributions |
| 2. Project: Design an Inventory Ordering System for Your Household | 10. Careers in Logistics |
| 3. Purchasing | 11. Project: You: The Logistician |
| 4. Reverse Logistics | 12. Quiz 2: Outsourced and Military Logistics, and Logistics Careers |
| 5. Project: Evaluate a Company's Reverse Logistics Policies | 13. Special Project* |
| 6. Quiz 1: Logistics Functions (Other than Transportation and Distribution) | 14. Test |
| 7. Third- and Fourth-Party Logistics | 15. Course Project Part 4: Getting the Right People in the Right Seat* |
| 8. Logistics in the Military | 16. Glossary and Credits |

Unit 5: Future Trends in Transportation, Distribution & Logistics**Assignments**

- | | |
|---|--|
| 1. Self-Driving Vehicles | 9. Increased Supply Chain Visibility |
| 2. Project: Getting from Here to There without a Driver | 10. Project: The Science Behind the Technology |
| 3. Drones | 11. The Rebirth of Manufacturing in the USA |
| 4. Robots | 12. Quiz 2: Impact of Technology (Part 2) |
| 5. Project: Robotics in Our Future | 13. Special Project* |
| 6. Quiz 1: Impact of Technology (Part 1) | 14. Test |
| 7. Radio Frequency Identification (RFID) | 15. Course Project Part 5: Building the Company* |
| 8. Project: The Evolution of RFID Technology | 16. Glossary and Credits |

Unit 6: Course Project, Review, and Exam**Assignments**

- | | |
|--|---------|
| 1. Course Project Part 6: You're in Business | 3. Exam |
| 2. Review | |

Careers in Logistics Planning and Management Services

This course discusses careers in Logistics Planning and Management Services, and provides students with the history of logistics and recent advances in the field. The history of logistics creates a foundation of knowledge to build our understanding of the social and economic benefits of modern logistics. Modern societies and economic development depend on the ability to transport products from their point of origin to store shelves and then into the hands of consumers. Current trends in logistics favor low-cost methods, safety, technology, sustainability, and regulations to keep the goods flowing from their source to the consumers.

Packaging goods and materials for safe transport begins with knowing what is being handled. Goods that are intended for consumers have different packaging requirements than materials being shipped to manufacturers. Unitization makes it possible to move goods easily inside warehouse and distribution centers and between modes of transportation. Goods are often shipped through a combination of air, land, rail, and sea modes of transportation. When deciding which mode to use, logistics managers consider the location, transportation plan, routing, convenience, security, and costs related to their mode decision.

Managing inventory involves decision making and analysis to ensure the goods and materials flow through the logistics channels and supply chain properly. Inventory is an asset that the business carries to add revenues and profits. Identifying the need for goods and services is the first step in obtaining goods and services. Within the logistics process, many goods and services are obtained through a process of procurement. Space, time, and money are all important factors to consider when managing existing inventories and the need for future inventories.

Decision makers often look for a balance between the speed and the cost to ship goods. Documentation is needed to identify goods, enable tracking, indicate where the goods are from, and where they are being shipped. Liability for goods is common in all modes of shipping. Risk management identifies, analyzes, and evaluates elements of the business that can go wrong. These liabilities can be outside of the company's control, but many can be prevented. Regulatory agencies create rules and regulations that are intended to protect the public from many risks. Risk management considers the potential for risk— insurance is one way to minimize the risk. Everyone who holds a financial interest in the goods, vehicles, and property wants to know they are protected, so they buy insurance.

Regulatory agencies work in cooperation with other agencies to minimize the risks and liabilities for employers and their employees. OSHA advises employers, their staff, labor unions, and industry leaders on what they can do to keep the workplace safe. They also inspect the workplace to ensure the employers are in compliance with OSHA standards. Logistics offers many career opportunities across seven career pathways. Logistics is a high growth industry, and is a stable career choice. There is something for every career-seeker, ability, and experience level.

The objective of this course is to introduce the student to the field of logistics planning and management and to explain the career opportunities that are available in this field.

Objectives

- Apply communication skills with students, parents and other groups to enhance learning and a commitment to learning.
- Demonstrate critical thinking skills while processing logistics management perspectives, warehouse and distribution operations, inventory controls, regulations, and safety procedures.
- Categorize risks to safety, health, and the environment in the logistics industry.
- Demonstrate collaboration skills to enhance professional objectives for the company and the customer.
- Describe the rights and responsibilities that apply to individuals and practitioners within the logistics industry.
- Define professional development requirements to maintain employment and to advance in their chosen career.
- Apply organizational skills and logic to enhance their abilities and aptitudes.
- Demonstrate skills that enhance their understanding of safety in the workplace.

Unit 1: Providing and Managing Logistics Services for the Company and the Customer**Assignments**

- | | |
|---|---|
| 1. Course Overview | 9. Project: Goods and Their Origins |
| 2. The Role of Transportation, Distribution, and Logistics in Society and the Economy | 10. The Challenges of Transporting Goods |
| 3. Project: From Origin to Consumer | 11. Making Logistics Easier with Technology |
| 4. Current Trends in Logistics | 12. Project: Process Improvement |
| 5. You Are the Future of Logistics | 13. Quiz 2: Logistics and the Supply Chain |
| 6. Project: Making Goals | 14. Special Project* |
| 7. Quiz 1: Transportation, Distribution, and Logistics - Then and Now! | 15. Test |
| 8. Logistics Management and the Supply Chain | 16. Course Project Part 1: Distribution Facility Project* |
| | 17. Glossary and Credits |

Unit 2: Logistics and Supply Chain Management**Assignments**

- | | |
|--|--|
| 1. Material Handling: Packaging | 9. Distribution is the Center of Activity Within |
| 2. Project: Consumer Goodies | 10. Project: Where Did You Get That? |
| 3. Material Handling: Unitization | 11. Pricing |
| 4. Material Handling: Weights & Measures | 12. Quiz 2: Warehousing, Distribution, and Pricing |
| 5. Project: The Space Shuttle Endeavor | 13. Special Project* |
| 6. Quiz 1: Material Handling | 14. Test |
| 7. Warehousing | 15. Course Project Part 2: Innovation* |
| 8. Project: Kansas City Smart Port | 16. Glossary and Credits |

Unit 3: Inventory and Inventory Management**Assignments**

- | | |
|---|--|
| 1. Inventory | 9. Managing Procurement and Purchasing |
| 2. Project: Taking Stock (Part 1) | 10. Project: Business Culture |
| 3. Inventory Management | 11. Optimizing Procurement Practices |
| 4. Project: Taking Stock (Part 2) | 12. Quiz 2: Procurement and Purchasing |
| 5. Inventory Accounting | 13. Special Project* |
| 6. Quiz 1: Inventory Management | 14. Test |
| 7. Procurement and Purchasing | 15. Course Project Part 3: Inventory Controls* |
| 8. Project: Colgate's Procurement Process | 16. Glossary and Credits |

Unit 4: Transportation Management**Assignments**

- | | |
|---|---|
| 1. Modes of Transportation | 9. Regulating Risk |
| 2. Project: Mode to Go | 10. Project: Emergency Response |
| 3. Documentation | 11. Insuring Risk |
| 4. Project: Importing & Exporting | 12. Quiz 2: Risk Management |
| 5. Liability | 13. Special Project* |
| 6. Quiz 1: Transportation, Documentation, and Liability | 14. Test |
| 7. Managing Transportation Risk | 15. Course Project Part 4: Modes of Transportation* |
| | 16. Glossary and Credits |

Unit 5: Logistics Safety & Opportunity**Assignments**

- | | |
|-----------------------------------|--|
| 1. OSHA Rights & Responsibilities | 9. Available Careers |
| 2. Project: OSHA's Forms | 10. Project: Creating A Resume |
| 3. Safety First | 11. Career Credentials |
| 4. Project: Hazardous Materials | 12. Quiz 2: You Are the Future Of Logistics! |
| 5. Working & Safety | 13. Special Project* |
| 6. Quiz 1: Safety First | 14. Test |
| 7. Career Goals | 15. Course Project Part 5: Preparation & Prevention* |
| 8. Project: Personality Traits | 16. Glossary and Credits |

Unit 6: Course Project, Review, and Exam**Assignments**

- | | |
|--|---------|
| 1. Course Project Part 6: Preparing Your Proposal* | 3. Exam |
| 2. Review | |

Placement Tests

Bible Placement Test

Bible Placement Test	Placement Test Bible Level 3	
	Assignments	
	1. You Can Use the Bible 2. The Life of Jesus Christ 3. O Joseph! What Was God's Plan? 4. Living for God 5. God Takes Care of His People	6. The Bible Is the Word of God 7. Archaeology and The Bible 8. God Gave Us the Need for Friends 9. God Wants Man to Help Man
Bible Placement Test	Placement Test Bible Level 4	
	Assignments	
	1. How Can I Live for God? 2. God's Knowledge 3. Saul Begins to Live for God 4. The Bible and Me 5. God Cares for Us	6. How Can I Know God Exists? 7. Geography of The Old Testament 8. God-Given Worth 9. Witnessing for Jesus
Bible Placement Test	Placement Test Bible Level 5	
	Assignments	
	1. How Others Lived for God 2. Angels 3. The Presence of God 4. Bible Methods and Structure 5. The Christian In the World	6. Proving What We Believe 7. Paul's Missionary Journeys 8. God Created Man for Eternity 9. Authority and Law
Bible Placement Test	Placement Test Bible Level 6	
	Assignments	
	1. From Creation to Moses 2. From Joshua To Samuel 3. The Kingdom of Israel 4. The Divided Kingdom 5. Captivity and Restoration	6. The Life of Jesus 7. The Followers of Jesus 8. The Apostle Paul 9. Hebrews And General Epistles
Bible Placement Test	Placement Test Bible Level 7	
	Assignments	
	1. Worship 2. Mankind 3. Attributes of God 4. Christian Evidences 5. Living the Balanced Life	6. The Psalms 7. Life of Christ - Part 1 8. Life of Christ - Part 2 9. Life of Christ - Part 3

Bible Placement Test	Placement Test Bible Level 8	
	Assignments	
	<ol style="list-style-type: none"> 1. Prayer 2. Sin and Salvation 3. Attributes of God 4. Early Church Leaders 5. Early Church History 	<ol style="list-style-type: none"> 6. The Early Churches 7. The Book of Proverbs 8. Choices 9. Understanding the Family

Bible Placement Test	Placement Test Bible Level 9	
	Assignments	
	<ol style="list-style-type: none"> 1. Introduction to The New Testament 2. The Gospels 3. The Acts of The Apostles 4. The Pauline Epistles 5. The General Epistles 	<ol style="list-style-type: none"> 6. The Revelation of Jesus Christ 7. Biblical Literature 8. How to Share Christ 9. God's Will for Your Life

Bible Placement Test	Placement Test Bible Level 10	
	Assignments	
	<ol style="list-style-type: none"> 1. Creation to Abraham 2. Abraham Through Joseph 3. The Exodus and The Wilderness 4. Israel In Canaan 5. The Judges and Spiritual Decline 	<ol style="list-style-type: none"> 6. The Kingdom 7. The Divided Kingdom 8. The Remaining Kingdom 9. The Captivity

Bible Placement Test	Placement Test Bible Level 11	
	Assignments	
	<ol style="list-style-type: none"> 1. The Faithfulness of God 2. Romans Part I 3. Romans Part II 4. The Doctrine of Jesus Christ 5. The Nation of Israel 	<ol style="list-style-type: none"> 6. The History of The Canon 7. Friendship, Dating, And Marriage 8. The Pursuit of Happiness 9. Apologetics

Bible Placement Test	Placement Test Bible Level 12	
	Assignments	
	<ol style="list-style-type: none"> 1. Knowing Yourself 2. Knowing About Christian Ministries 3. Choosing A Christian Ministry 4. Godhead 5. Attributes of God: Holiness, Goodness 	<ol style="list-style-type: none"> 6. The Epistles of James And John 7. Biblical Literature (Daniel) 8. Comparative Religions 9. Wisdom for Today's Youth

History Placement Test

History Placement Test	History and Geography Placement Test Level 3	
	Assignments	
	1. Geography 2. New England States 3. Mid-Atlantic States 4. Southern-Atlantic States 5. Southern States	6. Great Lakes States 7. Midwestern States 8. Mountain States 9. Pacific States
History Placement Test	History and Geography Placement Test Level 4	
	Assignments	
	1. Our Earth 2. Seaport Cities 3. Desert Lands 4. Grasslands 5. Tropical Rainforests	6. The Polar Region 7. Mountain Countries 8. Living in Island Countries 9. North America
History Placement Test	History and Geography Placement Test Level 5	
	Assignments	
	1. Exploring the New World 2. Colonial American Life 3. Thirteen Colonies Became a New Nation 4. New Lands and Troubled Times 5. The United States Becomes a World Leader	6. United by Transportation and Communication 7. The United States - One Nation with Many Regions 8. Our Southern Neighbors 9. Canada: Our Northern Neighbors
History Placement Test	History and Geography Placement Test Level 6	
	Assignments	
	1. World Geography 2. The Cradle of Civilization 3. The Civilizations of Greece and Rome 4. Life in the Middle Ages 5. Western Europe	6. Eastern Europe 7. Africa 8. Six South American Countries 9. Seven South American Countries
History Placement Test	History and Geography Placement Test Level 7	
	Assignments	
	1. What is History? 2. What is Geography? 3. The United States 4. Anthropology - The Study of Mankind 5. Sociology - Man in Groups	6. Anthropology and Sociology of the United States 7. Economics - Resources and Needs 8. Political Science 9. Economics and Politics of a State

History Placement Test	History and Geography Placement Test Level 8	
	Assignments	
	1. European Backgrounds 2. The Colonization of America 3. War for Independence 4. The Emergence of a Nation 5. The Westward Movement	6. The Civil War 7. The Industrial Nation 8. Twentieth Century World Power 9. The United States in a Changing World

History Placement Test	History and Geography Placement Test Level 9	
	Assignments	
	1. Introduction to Geography 2. Human Geography 3. North America 4. Central America, South America, and the Caribbean 5. Oceania, Australia, and Antarctica	6. Western Europe 7. Eastern Europe and Russia 8. Sub-Saharan Africa 9. North Africa and Southwest Asia 10. Central, South, East, and Southeast Asia

History Placement Test	History and Geography Placement Test Level 10	
	Assignments	
	1. Ancient Civilizations I 2. Ancient Civilizations II 3. The Medieval World 4. Renaissance and Reformation 5. Growth of World Empires	6. The Age of Revolution 7. The Industrial Revolution 8. Two World Wars 9. The Contemporary World

History Placement Test	History and Geography Placement Test Level 11	
	Assignments	
	1. Foundations of the American Republic 2. Development of Constitutional Government 3. National Expansion 4. A Nation Divided 5. A Nation Divided and United	6. United States Involvement at Home and Abroad 7. The Search for Peace 8. A Nation at War 9. Contemporary America

History Placement Test	History and Geography Placement Test Level 12	
	Assignments	
	1. International Governments 2. United States Government 3. The American Party System 4. History of Governments 5. The Christian and His Government 6. Free Enterprise	7. Business and You 8. The Stock Market 9. Budget and Finance 10. Banking 11. International Issues

Language Arts Placement Test

Language Arts Placement Test	Language Arts Placement Test Level 3	
	Assignments	
	1. Vowels, Main Idea, Capitalization 2. Sentences, Capitalization, ABC Order 3. Dictionary Skills, Word Parts, Vocabulary 4. Parts of Speech, Irregular Vowels, Comprehension 5. Reading to Understand, Commas, Silent Letters 6. Cause and Effect, Homographs, Haiku Poetry	7. Following Directions, Suffixes, Pronouns, Friendly Letters 8. Reading a Play, Comparing with Adjectives, Root Words 9. Classifying, References, Thank-You Letters, Predicting Outcomes
Language Arts Placement Test	Language Arts Placement Test Level 4	
	Assignments	
	1. Reading and Writing 2. Reading for Meaning 3. Word Play 4. Words in Season 5. Reading and Writing Stories	6. Rhymes and Reports 7. Forms of Literature 8. Language in Literature 9. Reading and Researching
Language Arts Placement Test	Language Arts Placement Test Level 5	
	Assignments	
	1. Jesus, Our Example 2. Working with Information 3. The Story of our Language 4. Effective Communication 5. Reading and Writing Stories	6. Poetry 7. Reading Comprehension 8. Working with Words 9. Reading and Study Skills
Language Arts Placement Test	Language Arts Placement Test Level 6	
	Assignments	
	1. Elements of Grammar 2. Grammar Usage and Placement 3. Reading Skills 4. Writing Skills 5. Newspapers and Propaganda	6. Literary Forms 7. Reading for a Purpose 8. Poetry 9. Bible Literature
Language Arts Placement Test	Language Arts Placement Test Level 7	
	Assignments	
	1. Nouns, Pronouns, Affixes, and Using Words Correctly 2. Usage, Speaking and Listening, Verb Tenses 3. Biographies and Grammar (Affixes) 4. Structure of Written and Spoken Language 5. The English Language	6. Mechanics and Structure of English 7. The Hiding Place: A Study Guide 8. Nonfiction and Communication 9. Writing and Pronunciation

Language Arts Placement Test	Language Arts Placement Test Level 8	
	Assignments	
	1. Communication 2. The English Language 3. Punctuation and Literature 4. Words and How to Use Them 5. Correct Language Usage	6. Language and Literature 7. Critical Reading and Paragraph Skills 8. Writing, Listening, and Reading 9. The English Language
Language Arts Placement Test	Language Arts Placement Test Level 9	
	Assignments	
	1. The Structure of Language 2. Nature of Language 3. Words and Writing 4. Language in Literature 5. Reading with Skill	6. Persuasion, Visual Aids, and Poetry 7. Communication 8. The Library and Drama 9. Studies in the Novel
Language Arts Placement Test	Language Arts Placement Test Level 10	
	Assignments	
	1. Language Structure 2. Writing Effective Sentences 3. Writing and Reading Skills 4. Speaking and Listening 5. The Development of English	6. The Short Story 7. Studies in the Novel 8. Drama 9. Poetry
Language Arts Placement Test	Language Arts Placement Test Level 11	
	Assignments	
	1. Varieties of English 2. Sentence Elements 3. Sentence Workshop 4. Meaning and Main Ideas 5. Poetry	6. Nonfiction 7. American Drama 8. The American Novel 9. Research
Language Arts Placement Test	Language Arts Placement Test Level 12	
	Assignments	
	1. The Worth of Words 2. The Structure of Language 3. Reading and Research 4. Language: God's Gift to Man 5. Medieval English Literature	6. Elizabethan Literature 7. Seventeenth/Eighteenth-Century English Literature 8. Romantic and Victorian Poetry 9. Creative Writing

Mathematics Placement Test

Mathematics Placement Test	Mathematics Placement Test Level 3	
	Assignments	
	1. Whole Numbers 2. Number Patterns 3. Whole Numbers and Fractions 4. Place Value 5. Measurement, Shapes, and Concept Review	6. Multiplication, Addition and Subtraction 7. Operations, Likelihood and Probability 8. Measurement, Fractions and Decimals 9. Review Multiple Concepts
Mathematics Placement Test	Mathematics Placement Test Level 4	
	Assignments	
	1. Number Sense and Place Value 2. Rounding and Estimation 3. Whole Numbers and Fractions 4. Lines and Shapes 5. Division and Measurement	6. Multiplication and Fractions 7. Fractions and Patterns 8. Division and Fractions 9. Decimals and Fractions 10. Graphing and Review
Mathematics Placement Test	Mathematics Placement Test Level 5	
	Assignments	
	1. Place Value, Addition, and Subtraction 2. Multiplying Whole Numbers and Decimals 3. Dividing Whole Numbers and Decimals 4. Algebra and Graphing 5. Measurement	6. Factors and Fractions 7. Fraction Operations 8. Data Analysis and Probability 9. Geometry 10. Perimeter, Area, and Volume
Mathematics Placement Test	Mathematics Placement Test Level 6	
	Assignments	
	1. Whole Numbers and Algebra 2. Data Analysis 3. Decimals 4. Fractions 5. Fraction Operations	6. Ratio, Proportion and Percent 7. Probability and Geometry 8. Geometry and Measurement 9. Integers and Transformations 10. Equations and Functions
Mathematics Placement Test	Mathematics Placement Test Level 7	
	Assignments	
	1. Integers 2. Fractions 3. Decimals 4. Patterns and Equations 5. Ratios and Proportions	6. Probability and Graphing 7. Data Analysis 8. Geometry 9. Measurement and Area 10. Surface Area and Volume

Mathematics Placement Test	Mathematics Placement Test Level 8	
	Assignments	
	1. Mathematics 800: The Real Number System 2. Mathematics 800: Integers 3. Mathematics 800: Rational Numbers 4. Mathematics 800: Proportional Reasoning 5. Mathematics 800: Functions	6. Mathematics 800: Measurement 7. Mathematics 800: Plane Geometry 8. Mathematics 800: Solid Figures 9. Mathematics 800: Data Analysis 10. Mathematics 800: Probability
Mathematics Placement Test	Mathematics Placement Test Level 9	
	Assignments	
	1. Algebra I: Foundations of Algebra 2. Algebra I: Linear Equations 3. Algebra I: Functions 4. Algebra I: Inequalities 5. Algebra I: Linear Systems	6. Algebra I: Polynomials 7. Algebra I: Exponential and Radical Functions 8. Algebra I: Quadratics 9. Algebra I: Rational Expressions 10. Algebra I: Probability and Statistics
Mathematics Placement Test	Mathematics Placement Test Level 10	
	Assignments	
	1. Geometry: Introduction 2. Geometry: Logic 3. Geometry: Angles and Parallels 4. Geometry: Congruent Triangles and Quadrilaterals 5. Geometry: Similar Polygons	6. Geometry: Circles 7. Geometry: Area and Volume 8. Geometry: Coordinate Geometry 9. Geometry: Transformations
Mathematics Placement Test	Mathematics Placement Test Level 11	
	Assignments	
	1. Algebra II: Set, Structure, and Function 2. Algebra II: Numbers, Sentences, and Problems 3. Algebra II: Linear Equations and Inequalities 4. Algebra II: Polynomials 5. Algebra II: Algebraic Fractions	6. Algebra II: Real Numbers 7. Algebra II: Quadratic Relations and Systems 8. Algebra II: Exponential Functions 9. Algebra II: Counting Principles
Mathematics Placement Test	Mathematics Placement Test Level 12	
	Assignments	
	1. Precalculus: Relations and Functions 2. Precalculus: Functions 3. Precalculus: Trigonometric Functions 4. Precalculus: Circular Functions and their Graphs 5. Precalculus: Identities and Functions of Multiple Angles	6. Precalculus: Application of Trigonometric Functions 7. Precalculus: Inverse Trigonometric Functions and Polar Coordinates 8. Precalculus: Quadratic equations 9. Precalculus: Probability 10. Precalculus: Calculus and Review

Science Placement Test

Science Placement Test	Science 3 Placement Test	
	Assignments	
	1. You Grow and Change 2. Plants 3. Animals: Growth and Change 4. You Are What You Eat 5. Properties of Matter	6. Sounds and You 7. Time and Seasons 8. Rocks and Their Change 9. Heat Energy
Science Placement Test	Science 4 Placement Test	
	Assignments	
	1. Plants 2. Animals 3. Man And His Environment 4. Machines 5. Electricity and Magnetism	6. Water and Matter 7. Weather 8. Our Solar System and The Universe 9. The Planet Earth
Science Placement Test	Science 5 Placement Test	
	Assignments	
	1. Cells 2. Plants: Life Cycles 3. Animals: Life Cycles 4. Balance in Nature 5. Transformation Of Energy	6. Records in The Rock: The Flood 7. Records in The Rock: Fossils 8. Records in Rock: Geology 9. Cycles in Nature
Science Placement Test	Science 6 Placement Test	
	Assignments	
	1. Plant Systems 2. Animal Systems 3. Plants and Animal Behavior 4. Molecular Genetics 5. Chemical Structure and Change	6. Light and Sound 7. Motion and Its Measurement 8. Spaceship Earth 9. Astronomy and The Stars
Science Placement Test	General Science I Placement Test	
	Assignments	
	1. What Is Science? 2. Perceiving Things 3. Earth in Space (Part 1) 4. Earth in Space (Part 2) 5. The Atmosphere	6. Weather 7. Climate 8. The Human Anatomy (Part 1) 9. The Human Anatomy (Part 2)

Science Placement Test	General Science II Placement Test	
	Assignments	
	1. Science and Society 2. Structure of Matter (Part 1) 3. Structure of Matter (Part 2) 4. Health and Nutrition 5. Energy (Part 1)	6. Energy (Part 2) 7. Machines (Part 1) 8. Machines (Part 2) 9. Balance in Nature

Science Placement Test	Integrated Physics and Chemistry Placement Test	
	Assignments	
	1. Explorations in Physical Science 2. The Structure of Matter 3. Matter and Change 4. States of Matter 5. Motion and Forces	6. Work and Energy 7. Heat Flow 8. Electricity and Magnetism 9. Waves 10. Chemistry and Physics in Our World

Science Placement Test	Biology Placement Test	
	Assignments	
	1. Taxonomy: Key to Organization 2. Chemistry of Life 3. Cells 4. Cell Division and Reproduction 5. Genetics: God's Plan for Inheritance	6. Microbiology 7. Plants: Green Factories 8. Human Anatomy and Physiology 9. Ecology, Pollution, and Energy 10. Principles and Applications of Biology

Science Placement Test	Chemistry Placement Test	
	Assignments	
	1. Measurement and Analysis 2. Starting the Investigation: How to Identify Elements, Compounds, And Mixtures 3. Exploring Laws for Gases and Conservation of Mass 4. The Discovery of Atoms: Nature's Building Blocks 5. Molecular Structure	6. Chemical Reactions, Rates, And Equilibrium 7. Equilibrium Systems 8. Carbon Chemistry: Hydrocarbons 9. Carbon Chemistry: Functional Groups 10. Chemistry Review

Science Placement Test	Physics Placement Test	
	Assignments	
	1. Kinematics 2. Dynamics 3. Work and Energy 4. Introduction to Waves 5. Light	6. Static Electricity 7. Electric Currents 8. Magnetism 9. Atomic and Nuclear Physics 10. Review

(*) Indicates alternative assignment