

# **SCOPE & SEQUENCE**



### LIFEPAC® CURRICULUM

## SCOPE & SEQUENCE

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### **AOP's Philosophy of Education**

**Bible-based:** We believe that the Word of God is the standard and foundation for truth. Our educational resources are consistent with what is written in the Bible.

**Cognitive Reasoning:** Questions in LIFEPAC develop a student's cognitive reasoning. We go beyond rote memory questions (true/false, multiple choice, and fill-in-the-blank) and ask questions that require analytical skills (short answers, short essays, and experiments).

**Mastery Learning:** We believe every student should begin a subject at his or her present "learning level or skill," not where someone else says or hopes the student should be. This is usually accomplished through diagnostic testing.

**Integrated Subject Material:** We believe all subject material should be integrated to help a student see that life is not compartmentalized. Mathematical skills are necessary in science, scientific research is rich in historical data, and language arts is valuable in communicating God's Word, history, and science. In LIFEPAC, God's truth is integrated in the subjects of Bible, history and geography, language arts, math, and science.

**Personalized Instruction:** We believe that a student excels in learning when the teacher is involved. Our curriculum is not a self-study course. The questions and content demand personal instruction and input. It is the teacher's responsibility and blessing to personally instruct students.

### LIFEPAC® Curriculum

**Time-tested:** Since 1977, AOP® has provided high-quality Christian curriculum to families and Christian schools worldwide. The award-winning LIFEPAC curriculum teaches students in grades K-12 the subjects of Bible, history and geography, language arts, math, and science, as well as a variety of electives.

**Flexible:** Each LIFEPAC subject is divided into small worktext units that build confidence and provide a satisfying sense of accomplishment upon completion. Students work independently to master material before advancing to new concepts.

**Teacher-friendly:** Integrated lesson plans free parents to tutor, grade, and encourage students without having to create the educational design. Each course also comes with teacher support materials, including practical tips, suggested activities, and answer keys.

**Economical:** To assist with correct placement, LIFEPAC placement tests are available for all five main subjects. Specific LIFEPACs are recommended for remediation in areas where learning gaps are indicated.



### Kindergarten

#### Getting Ready to Read (Grade K)

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- Alphabet: saying the alphabet
- Colors: recognizing colors
- Direction: left to right
- Following directions: oral and written
- Grammar: forming simple sentences
- Listening: developing listening skills
- Personal recognition: reading/ writing first name, knowing age/ address, recognizing names of family members
- Phonics: short vowels (a, e, i), initial consonants (b, t, m r, s, n, d, p, l), forming/reading simple words, forming rhyming words
- Shapes: circle/square/triangle/ rectangle, recognizing shapes in objects
- Stories and poems: creating simple stories/poems
- Writing: forming circles/lines, Aa, Bb, Dd, Ee, Ii, LI, Mm, Nn, Pp, Rr, Ss, Tt

- Lessons 41-80
- Grammar: capital letters, periods
- Patterns: simple shape/color patterns
- Personal recognition: reading/ writing first and last name
- Phonics: short vowels (a, e, i, o, u), initial consonants (k, c, f, h, g, j, v, w, y, z, qu, x), reading simple sentences
- Position/direction: in/out, in front of/behind, up/down, on/off, open/ closed, over/under
- Sequencing: alphabetical order, simple story
- Shapes: oval
- Size: big/little, large/small
- Writing: Kk, Cc, Ff, Hh, Oo, Gg, Jj, Qq, Uu, Vv, Ww, Xx, Yy, Zz

- Phonics: recognizing all short vowel/initial consonant sounds, long vowels (a, e, i, o, u), silent e, initial consonant digraphs (sh, ch, soft/hard th), final consonant sounds (\_b, \_ck, \_k, \_l)
- Word recognition: color/number/ shape words
- Writing: name, alphabet, capital/ lowercase letters, all color words, number words (one, two, three, four, five, six), shape words (circle, square, triangle)

#### Lessons 121-160

- Phonics: recognizing long vowel/ final consonant sounds, initial consonant digraphs (wh, ch, sh, th)
- Stories and poems: creating/telling/ reciting stories/poems
- Word recognition: position/direction words, number words, shape words
- Writing: number words (seven, eight, nine, ten), shape words (rectangle, oval, star), position/ direction words (up/down, high/ low, in/inside, out/outside, top/ bottom)

#### Getting Ready for Math (Grade K)

#### Lessons 1-40

- Directions: right, left, high, low, etc.
- Comparisons: big, little, alike, different
- Matching
- Cardinal numbers to 9
- Ordinal numbers to 9th
- Colors: red, blue, green, yellow, brown, purple
- Shapes: circle, square, rectangle, triangle
- Number order
- Before and after
- Problem solving

#### Lessons 41-80

- Directions: right, left, high, low, etc.
- Comparisons: big, little, alike, different
- Matching
- Cardinal numbers to 12
- Ordinal numbers to 9th
- Colors: orange
- Shapes: circle, square, rectangle, triangle
- Number order
- Before and after
- Problem solving
- Number words to nineAddition to 9

#### Lessons 81-120

- Directions: right, left, high, low, etc.
- Comparisons: big, little, alike, different
- Matching
- Cardinal numbers to 19
- Ordinal numbers to 9th
- Colors: black, white
- Shapes: circle, square, rectangle, triangle
- Number order
- Before and after
- Problem solving
- Number words to nine
- Addition: multiples of 10
- Subtraction to 9
- Place value
- Time/calendar

#### Lessons 121-160

- Directions: right, left, high, low, etc.
- Comparisons: big, little, alike, different
- Matching
- Cardinal numbers to 100
- Ordinal numbers to 9th
- Colors: pink
- Shapes: circle, square, rectangle, triangle
- Number order
- Before and after
- Problem solving
- Number words to nine
- Addition to 10 and multiples of 10
- Subtraction to 10
- Place value
- Time/calendar
- Money
- Skip counting: 2s, 5s, 10s
- Greater/less than

## Bible

	God and You (Grade 1)	Bible Heroes (Grade 2)	God's Word, Jesus, and You (Grade 3)
Unit 1	GOD CREATED ALL THINGS  God created day and night God created land and sea God created plants and animals God created people	WHO AM I? • God made us • God loves me • God helps me • God helped Daniel	LIVING FOR GOD  I love and obey God  I praise God  I worship God  I serve God
Unit 2	GOD LOVES HIS CHILDREN  • God cared for Shadrach, Meshach, and Abednego  • God cared for Joash and Esther  • God cares for his children  • God's children love Him	THE STORY OF MOSES  The early life of Moses  Life in Midian  Moses returns to Egypt  Life in the desert	THE LIFE OF JESUS CHRIST  Mary and Joseph Jesus in the Temple Jesus teaches and saves Jesus dies and lives again
Unit 3	WE CAN PRAY  • We can ask and thank God  • We can pray God's special prayer  • God listens to us  • We listen to God	GOD AND YOU  God is great God keeps his promises You should obey God God rewards his people	GOD'S PLAN FOR JOSEPH  The dream of Joseph  Joseph and his brothers  Joseph in Egypt  God watched over Joseph
Unit 4	GOD WANTS YOU TO BE GOOD  • Jesus says to love God  • God says to love others  • You show your love  • God says to love yourself	HOWTHE BIBLE CAME TO US  • Moses and the Prophets  • David and Solomon  • The Apostles and Paul  • Bible translators	YOU CAN USE THE BIBLE  The books of the Bible  How to read and study the Bible  How to find verses  How to memorize verses
Unit 5	OLD TESTAMENT STORIES  • Joseph, Elijah, Jonathan, and David  • Miriam and Deborah  • A rich woman and her son  • Ishmael and Mephibosheth	DAVID'S SLING  David with the sheep  David and the prophet  David and Saul  David and the giant	GOD TAKES CARE OF HIS PEOPLE  God loves people God guides people God protects people God blesses people
Unit 6	GOD'S PROMISE  • God's Old Testament promises  • God's promises kept  • The birth of the Promised One  • The life of the Promised One	GOD IS EVERYWHERE  • Understanding the beginning  • Understanding God  • The Creation  • God's will	THE BIBLE IS GOD'S WORD  The writers of God's Word God's Word is preserved God's Word changes lives Promises of God's Word
Unit 7	JESUS, OUR SAVIOR  • Jesus taught people  • Jesus healed people  • Jesus saves people  • Jesus will come again	THE STORY OF JOSEPH  • Joseph as a boy at home  • The worship of Joseph  • Joseph in Egypt  • Joseph and the famine	ARCHAEOLOGY AND THE BIBLE  The search for treasure  Clues from old stories  Explaining the puzzles  Joining the search
Unit 8	GOD CALLS MISSIONARIES  The woman at the well  Stephen and Paul  Missionaries today  God calls missionaries	GOD AND THE FAMILY  The first family  Abraham's family  Happy families  God's promise to children	GOD GAVE US THE NEED FOR FRIENDS  • We need love  • We need friendship  • God commands our love  • Love for others
Unit 9	NEW TESTAMENT STORIES  • Lazarus, Thomas, and Stephen  • Mary, Anna, and Lydia  • Children in the New Testament  • Jesus and the children	GOD MADE THE NATIONS  The people of Babel God's judgment at Babel The new nation Our big world	GOD'S PEOPLE HELP OTHERS  • All people are created by God  • God loves me  • God loves others  • God is my Father
Unit 10	GOD GAVE YOU MANY GIFTS  • God created all things  • God loves his children  • God gave us his Word  • God gave us his Son	GOD, HIS WORD, AND YOU  God as our Father  The Word of God  Life with God  Belonging to God	GOD'S WORD, JESUS, AND YOU  God speaks to man  Writers of the Word  Jesus and the Word  God's family

Living for God (Grade 4)	What You Believe (Grade 5)	Creation to Revelation (Grade 6)	
HOW CAN I LIVE FOR GOD?  • Peter found Jesus  • Peter fished for men  • To be born into God's family  • To be fruitful through the Spirit	HOW OTHERS LIVED FOR GOD  • Fellow laborers with God  • Abraham, a man of faith  • Servants of God  • Co-workers with God	FROM CREATION TO MOSES  Creation The Flood Abraham and his descendants Moses and the Law	Unit 1
GOD'S KNOWLEDGE  • Knowledge to create  • Learning God's knowledge  • The benefits of God's knowledge  • Using God's knowledge	ANGELS  Characteristics of angels  Kinds of angels  The ministry of angels  Angels in the life of Jesus	FROM JOSHUA TO SAMUEL  Conquest and division of the land  The death of Joshua  The judges of Israel  Ruth, Naomi, and Boaz	Unit 2
SAUL BEGINS TO LIVE FOR GOD  Saul persecutes the Christians God changes Saul Saul preaches about Jesus Paul belongs to Christ	THE PRESENCE OF GOD  Everywhere as God  Everywhere as a person  In the lives of people  In my life	THE KINGDOM OF ISRAEL  Samuel and Saul  The reign of David  The reign of Solomon  The books of poetry	Unit 3
THE BIBLE AND ME  Reading and learning the Bible Thinking about the Bible Memorizing the Bible Living the Bible	BIBLE METHODS AND STRUCTURE  One book with many parts Books of history Books of poetry and prophecy Books of the New Testament	THE DIVIDED KINGDOM  From Jeroboam to Captivity  Prophets of Judah and Israel  From Hezekiah to Captivity  Prophets of the remaining kingdom	Unit 4
GOD CARES FOR US  The twenty-third psalm Jesus and the sheep David as a shepherd Daniel as a helper	THE CHRISTIAN IN THE WORLD  Instruction and correction  Learning correct behavior  Relationships at school  Relationships in the world	CAPTIVITY AND RESTORATION  The prophets of the Captivity  The returns from exile  The prophets of the restoration  Creation to restoration	Unit 5
HOW CAN I KNOW GOD EXISTS?  God's plan for the Jews A Jewish Savior Man searches for God Man needs God	PROVING WHAT WE BELIEVE  The Bible is God's Word  Evidence from the Bible  Evidence from history and science  Knowing that Christ arose	THE LIFE OF JESUS  • Birth and background  • The first years of ministry  • The latter years of ministry  • The death and resurrection	Unit 6
GEOGRAPHY OF THE OLD TESTAMENT  Bible geography  Description of the land Abram's nomadic life Abraham's descendants	MISSIONARY JOURNEYS OF PAUL  • Paul's background  • Paul's missionary journeys  • The Jerusalem Council  • Paul's last years	THE FOLLOWERS OF JESUS  • The disciples of Jesus  • The friends of Jesus  • Miracles of Jesus  • The message of Jesus	Unit 7
GOD-GIVEN WORTH  • Who am I?  • God is my Creator  • God is my Father  • Knowing God's love	GOD CREATED MAN FOR ETERNITY  Preparing for eternity Christ is our Judge The judgment of the Christian The judgment of the unsaved	THE APOSTLE PAUL  Paul's background and conversion  Paul's missionary journeys  Paul's letters to churches  Paul's letters to people	Unit 8
WITNESSING FOR JESUS  Loving God and others  Following Jesus  Knowing who Jesus is  Following Paul's example	AUTHORITY AND LAW  God is the source of law  The model of law  The authority of the family  Our authority of government	HEBREWS AND GENERAL EPISTLES  The book of Hebrews  James and 1st and 2nd Peter  The three Johns  The book of Jude	Unit 9
GOD'S WAY IS PERFECT  • Seeking knowledge  • Science and geography • Living God's way • Loving God's way	ANGELS, THE BIBLE, AND LIVING FOR GOD  • Presence of God and angels  • Understanding the Bible  • Areas of service  • The order of authority	REVELATION AND REVIEW  The Lord Jesus in Revelation End-time events Old Testament review New Testament review	Unit 10

## **Bible**

	The Life of Christ	Practical Christianity and	New Testament Survey
	(Grade 7)	Church History (Grade 8)	(Grade 9)
Unit 1	WORSHIP  The nature of worship  Old Testament worship  New Testament worship  True worship	PRAYER  Organization of the Lord's Prayer  Purpose of the Lord's Prayer  History of prayer  Practical uses of prayer	THE NEW TESTAMENT  Inter-Testamental period  Pharisees and Sadducees  New Testament themes  New Testament events
Unit 2	MANKIND  • The origin of man  • The fall of man  • The re-creation of man  • The mission of man	SIN AND SALVATION  The nature of sin  The need for salvation  How to receive salvation  The results of salvation	THE GOSPELS  Matthew  Mark  Luke  John
Unit 3	THE ATTRIBUTES OF GOD  • God's nature of love  • God's expression of love  • The mercy of God  • The grace of God	ATTRIBUTES OF GOD  • God's justice  • God's immutability  • God's eternal nature  • God's love	THE ACTS OF THE APOSTLES  The writer  The purpose Pentecost Missions
Unit 4	FULFILLED PROPHECIES OF CHRIST  • Method of the First Advent  • Purpose of the First Advent  • Offices of the Messiah foretold  • Offices of the Messiah fulfilled	EARLY CHURCH LEADERS  • The early church  • The church of the Middle Ages  • The Renaissance  • The Reformation	THE PAULINE EPISTLES  Paul as a person The early epistles Prison epistles The later epistles
Unit 5	NEW LIFE IN CHRIST  • Life before and after Christ  • Growing in Christ  • Life in the Spirit  • The life of grace	EARLY CHURCH HISTORY  The Roman Empire  The background of the Jews  The ministry of Jesus  The Jerusalem church	GENERAL EPISTLES  James First and Second Peter First, Second, and Third John Hebrews and Jude
Unit 6	THE PSALMS  • The history of the Psalms  • Types and uses of the Psalms  • Hebrew poetry  • Study of Psalm 100	THE EARLY CHURCHES  The church at Antioch  The missionary journeys  The Jerusalem Conference  New Testament churches	THE REVELATION OF JESUS CHRIST  The seven churches  The seven seals and trumpets  The seven signs and plagues  The seven judgments and wonders
Unit 7	THE LIFE OF CHRIST: PART 1  • Early life of Christ  • Beginning of Christ's ministry  • The early Judean ministry  • The early Galilean ministry	THE BOOK OF PROVERBS  • Literary forms and outline  • Objectives and purposes  • Influence on the New Testament  • Key themes	BIBLICAL LITERATURE: JOB AND SUFFERING  The scenes of Job  Attitudes toward suffering Christ's suffering on Earth The victory of Christ's suffering
Unit 8	THE LIFE OF CHRIST: PART 2  The public ministry in Galilee  The private ministry in Galilee  The Judean ministry  The Perean ministry	TODAY'S PROBLEMS  • Guidance for behavior  • Characteristics of friendship  • Studying effectively  • Finding God's will	HOW TO SHARE CHRIST  • Personal evangelism  • Outreach to others  • Personal and family missions  • Assisting a missionary
Unit 9	THE LIFE OF CHRIST: PART 3  • Jesus's final ministry  • Jesus's sufferings and crucifixion  • Jesus's resurrection and ascension	UNDERSTANDING PARENTS  • Human parents  • Biblical parents  • Children's responsibility  • Parents and children as a team	GOD'S WILL FOR MY LIFE  The desire of the heart  The Word and work of God  The importance of goals  The use of talents
Unit 10	GOD'S PLAN IN CHRIST  • God and his plan  • Man's history  • Jesus Christ fulfills God's plan  • Man's response to God	WALKING WITH GOD  Prayer and salvation  The attributes of God  The early church leaders  Christian living	THE WALK WITH CHRIST  Background of the New Testament  The Epistles and Revelation  The importance of suffering  God's will for my life

Old Testament Survey (Grade 10)	Bible Doctrine (Grade 11)	Christian Faith and Living (Grade 12)	
CREATION TO ABRAHAM  The six days of creation  The fall of man  Noah and his descendants  Nations of the earth	THE FAITHFULNESS OF GOD  • Affirmation of God's faithfulness  • Nature of God's faithfulness  • Manifestations of God's faithfulness  • Implications of God's faithfulness	KNOWING YOURSELF  • Your creation by God  • Interacting with others  • A child and servant of God  • Your personal skills	Unit 1
ABRAHAM TO MOSES  Abraham's call and promise The covenant with Isaac The life of Jacob Joseph and his family	ROMANS: PART 1  The Roman Empire and church The book of Romans Paul's message to the Romans Sin and salvation in Romans	CHRISTIAN MINISTRIES  Christian ministry defined Church related ministries Other ministries A ministry as a career	Unit 2
EXODUS AND WANDERINGS  The journey to Sinai  The giving of the Law  Numbering the people  The book of Deuteronomy	ROMANS: PART 2  The chosen of God Service and submission From sin to salvation The victory of salvation	CHOOSING A MINISTRY  • Where to look for a ministry  • What to look for in a ministry  • How to look for a ministry  • Choosing a ministry for a career	Unit 3
ISRAEL IN CANAAN  Preparing for battle  The fight for the land  Dividing the land  The death of Joshua	THE DOCTRINE OF JESUS CHRIST  Identity and incarnation of Christ  The individuality of Christ  Christ's work on the cross  Christ's work after the cross	THE TRINITY  • Old Testament view  • New Testament view  • Historical perspectives  • Faith and man's relationship	Unit 4
THE JUDGES AND SPIRITUAL DECLINE  Background of Judges  History of Judges  Examples of spiritual decay  Ruth and redemption	THE NATION OF ISRAEL  The covenant with Abraham Israel as a nation Old Testament archaeology New Testament archaeology	ATTRIBUTES OF GOD  The holiness of God  The goodness of God  Holiness and the believer  Goodness and the Creation	Unit 5
THE KINGDOM  Samuel and Saul David Solomon Hebrew poetry	THE HISTORY OF THE CANON  Revelation and inspiration  Illumination and interpretation  Authority of the Bible  Formation of the Bible	THE EPISTLES OF JAMES AND JOHN  • James, the man  • The message of James  • John, the man  • The message of John's epistles	Unit 6
THE DIVIDED KINGDOM  Jeroboam to Ahab  Ahab to Jehu  Jehu to Assyrian Captivity  Prophets of the period	FRIENDSHIP, DATING, AND MARRIAGE  Meaning and role of friendship Perspectives of dating Principles of relationships The structure of marriage	DANIEL  • A man of conviction  • An interpreter of dreams  • A watchman in prayer  • A man of visions	Unit 7
THE REMAINING KINGDOM  The time of Hezekiah  Manasseh to Josiah  Jehoahaz to the exile  Prophets of the period	THE PURSUIT OF HAPPINESS  Solomon's succession Solomon's prosperity Solomon's fall Solomon's reflections	COMPARATIVE RELIGIONS  • Elements of Christianity  • The validity of Christian faith  • World religions  • The occult	Unit 8
THE CAPTIVITY  • Prophets of the period  • Jeremiah  • Ezekiel  • Daniel	ANSWERS TO AGNOSTIC QUESTIONS  Integrity of the Bible  Doctrines of the Bible Interpretation of the Bible Application of the Bible	WISDOM  • Life and character of David  • Life and riches of Solomon  • Psalms and Proverbs  • The Bible and literature	Unit 9
THE RESTORATION  • First return from exile  • The Jews preserved  • Second return from exile  • Haggai, Zechariah, and Malachi	GOD, HIS WORD, AND THE CHRISTIAN  The uniqueness of the Bible  History of Israel  God revealed in the Bible  Principles for living	THE CHRISTIAN  Christian fundamentals Growing in Christian maturity A ministry for Christ A testimony for Christ	Unit 10

## **History & Geography**

		U.S. History	U.S. Geography and History
	(Grade 1)	(Grade 2)	(Grade 3)
Unit 1	I AM A SPECIAL PERSON  • God made me  • You are God's child  • All about you  • Using proper manners	EARLY TIMES     Remembering last year     Learning about early times     The trail of the Native Americans     Symbols and historic places	U.S. GEOGRAPHY AND HISTORY STUDY SKILLS  • Map skills  • Resources  • Community
Unit 2	LET'S COMMUNICATE  Sounds people make  Sounds that communicate  Communicating without sound  Communicating with God	SETTLING THE NEW WORLD  The first settlers  Colonies of the new world  War for Independence  Symbols and historical places	NEW ENGLAND STATES  • ME, NH, VT, MA, RI, and CT  • New England geography  • New England resources  • New England community
Unit 3	I HAVE FEELINGS  I feel sad I feel afraid I feel happy I have other feelings	A NEW GOVERNMENT FOR A NEW COUNTRY  • A study of government  • Creating a government  • Our government  • Symbols and historical places	MID-ATLANTIC STATES  NY, PA, NJ, DE, MD, and DC  Mid-Atlantic geography  Mid-Atlantic resources  Mid-Atlantic community
Unit 4	I LIVE IN A FAMILY  • My mother and father  • My brothers and sisters  • My grandparents  • What my family does	GOVERNMENT UNDER THE CONSTITUTION  • Article One – legislative branch  • Article Two – executive branch  • Article Three – judicial branch  • Bill of Rights  • Symbols and historical places	SOUTHERN-ATLANTIC STATES  • WV, VA, NC, SC, GA, and FL  • Southern Atlantic geography  • Southern Atlantic resources  • Southern Atlantic community
Unit 5	YOU BELONG TO FAMILIES  • Getting ready in the morning  • Walking to school  • The school family  • The church family	OUR GOVERNMENT CLOSE TO HOME  Our state governments  Our local governments  Citizens of the United States  Symbols and historical places	SOUTHERN STATES  KY, TN, MS, LA, AL, OK, TX, and AR  Southern geography  Southern resources  Southern community
Unit 6	PLACES PEOPLE LIVE  • Life on the farm  • Life in the city  • Life by the sea	WESTWARD – FROM THE ORIGINAL COLONIES  • The United States grows  • The Lewis and Clark Expedition  • The Old Southwest  • Symbols and historical places	GREAT LAKES STATES  OH, IN, IL, MI, WI, and MN Great Lakes geography Great Lakes resources Great Lakes community
Unit 7	COMMUNITY HELPERS  • Firefighters and police officers  • Doctors  • City workers  • Teachers and ministers	SETTLING THE FRONTIER  • The Texas frontier  • Westward expansion  • Meet America's pioneers  • Symbols and historical places	MIDWESTERN STATES  ND, SD, NE, KS, MO, and IA  Midwestern geography  Midwestern resources  Midwestern community
Unit 8	I LOVE MY COUNTRY  • America discovered  • The Pilgrims  • The United States begins  • Respect for your country	EXPLORING AMERICA WITH MAPS  • Directions on a map  • Reading roads and symbols  • Natural features  • Symbols and historical places	MOUNTAIN STATES  MT, ID, WY, NV, UT, CO, AZ, and NM  Mountain geography  Mountain resources  Mountain community
Unit 9	I LIVE IN THE WORLD  The globe Countries Friends in Mexico Friends in Japan	PAST, PRESENT, AND FUTURE MAPS  City maps Building maps History of maps Symbols and historical places	PACIFIC STATES  • WA, OR, CA, AK, and HI  • Pacific geography  • Pacific resources  • Pacific community
Unit 10	THE WORLD AND YOU  • You are special • Your family • Your school and church • Your world	REVIEW UNITED STATES HISTORY  • The United States begins  • Creating a government  • Mapping the United States	U.S. GEOGRAPHY AND HISTORY REVIEW  U.S. geographical features  Eastern U.S. review  Western U.S. review

### World Geography and Culture (Grade 4)

### U.S. History (Grade 5)

## Civilizations (Grade 6)

OUR EARTH  • The surface of the earth  • Early explorations of the earth  • Exploring from space  • Exploring the oceans	A NEW WORLD  • Exploration of America • The first colonies • Conflict with Britain • Birth of the United States	WORLD GEOGRAPHY  Latitude and longitude  Western and eastern hemispheres  The southern hemisphere  Political and cultural regions	Unit 1
SEAPORT CITIES  • Sydney  • Hong Kong  • Istanbul  • London	A NEW NATION  • War for Independence  • Life in America  • A new form of government  • The nation's early years	THE CRADLE OF CIVILIZATION  Mesopotamia  The land of Israel  The nation of Israel  Egypt	Unit 2
<ul><li>DESERT LANDS</li><li>What is a desert?</li><li>Where are the deserts?</li><li>How do people live in the desert?</li></ul>	A TIME OF TESTING  • Louisiana Purchase  • War of 1812  • Sectionalism  • Improvements in trade and travel	THE CIVILIZATIONS OF GREECE AND ROME  Geography of the region Beginning civilizations Contributions to other civilizations The influence of Christianity	Unit 3
GRASSLANDS • Grasslands of the world • Ukraine • Kenya • Argentina	A GROWING NATION  • Andrew Jackson's influence  • Texas and Oregon  • Mexican War  • The nation divides	LIFE IN THE MIDDLE AGES  The feudal system Books and schools The Crusades Trade and architecture	Unit 4
TROPICAL RAINFORESTS  • Facts about rainforests  • Rainforests of the world  • The Amazon rainforest  • The Congo rainforest	A DIVIDED NATION  Civil War  Reconstruction  Gilded Age  The need for reform	SIX SOUTH AMERICAN COUNTRIES  Brazil  Colombia  Venezuela  Three Guianas	Unit 5
THE POLAR REGIONS  • The polar regions: coldest places in the world  • The Arctic polar region  • The Antarctic polar region	A CHANGING NATION  Progressive reforms Spanish-American War World War I Roaring Twenties	OTHER SOUTH AMERICAN COUNTRIES  • Ecuador and Peru  • Bolivia and Uruguay  • Paraguay and Argentina  • Chile	Unit 6
MOUNTAIN COUNTRIES  • Peru — the Andes  • The Incas and modern Peru  • Nepal — the Himalayas  • Switzerland — the Alps	DEPRESSION AND WAR  The Great Depression  War begins in Europe  War in Europe  War in the Pacific	AFRICA  • Geography and cultures  • Countries of northern Africa  • Countries of central Africa  • Countries of southern Africa	Unit 7
ISLAND COUNTRIES  • Islands of the earth  • Cuba  • Iceland  • Japan	COLD WAR  • Korean War and other crises  • Vietnam War  • Civil Rights movement  • Upheaval in America	MODERN WESTERN EUROPE  The Renaissance The Industrial Revolution World War I World War II	Unit 8
NORTH AMERICA  • Geography • Lands, lakes, and rivers • Northern countries • Southern countries	INTO THE NEW MILLENNIUM  • Watergate and détente  • The fall of communism  • The Persian Gulf  • Issues of the new millennium	MODERN EASTERN EUROPE  • Early government  • Early churches  • Early countries  • Modern countries	Unit 9
OUR WORLD IN REVIEW  • Europe and the explorers  • Asia and Africa  • Southern continents  • North America and the North Pole	THE UNITED STATES OF AMERICA  • Beginning America until 1830  • Stronger America 1830-1930  • Modern America 1930-2020	DEVELOPMENT OF OUR WORLD  Cradle of civilization  The Middle Ages  Modern Europe  South America and Africa	Unit 10

### **History & Geography**

Sociology, Economics, and U.S. History

Anthropology,

State History (Grade 7) (Grade 8) (Grade 9) WHAT IS HISTORY? EUROPE COMES TO AMERICA HERITAGE OF THE UNITED STATES · Definition and significance of history • Voyages of Columbus • American colonies · Historians and the historical method Spanish exploration Acquisitions and annexations · Views of history Other exploration · Backgrounds to freedom • The first colonies · Backgrounds to society WHAT IS GEOGRAPHY? BRITISH AMERICA OUR NATIONAL GOVERNMENT · Classes of geography • English colonies • Ideals of national government Geography and relief of the earth
Maps and the study of our world National government developed Government Lifestyle · Legislative and executive branches Wars with France Judicial branch U.S. HISTORY AND GEOGRAPHY THE AMERICAN REVOLUTION STATE AND LOCAL GOVERNMENT • Geography of the United States • British control • Powers of state government Early history of the United States
Physical regions of the United States Rebellion of the coloniesWar for independence County government Township government Cultural regions of the United States Constitution City government ANTHROPOLOGY A FIRM FOUNDATION PLANNING A CAREER · Understanding anthropology Washington's presidency • Definition of a career • God's will concerning a career The unity of peopleThe diversity of people Adams' administration Jeffersonian Democracy Selecting a career • The culture of people groups • War of 1812 Preparation for a career SOCIOLOGY—PEOPLE IN GROUPS A GROWING NATION CITIZENSHIP Sociology defined • Jacksonian Era · Citizenship defined Historical developmentImportance to Christians Northern border Gaining citizenshipRights of citizenship Southern border Method of sociology • Responsibilities of citizenship • Industrial Revolution U.S. ANTHROPOLOGY AND SOCIOLOGY THE CIVIL WAR THE EARTH AND MAN • Cultural background of the United States • Division and secession • Man inhabits the earth Unit ( Native American culturesCultures from distant lands Civil War · Man's home on the earth • Death of Lincoln • Man develops the earth • The future of the earth • Cultural and social interaction Reconstruction ECONOMICS—RESOURCES AND NEED GILDED AGE TO PROGRESSIVE ERA REGIONS OF THE WORLD • Economics defined • Rise of industry • A region defined Geographic and climate regions
Cultural and political regions Methods of the economist Wild West Tools of the economist · America as a world power • An experiment in economy Progressive era • Economic regions of Europe MAN AND HIS ENVIRONMENT POLITICAL SCIENCE A WORLD IN CONFLICT Definition of political scienceRoots of Western thought World War I • The physical environment Great Depression • Drug abuse • The social environment • Modern political thinkers New Deal • Man's responsibilities Political theory World War II COLD WAR AMERICA STATE ECONOMICS AND POLITICS TOOLS OF THE GEOGRAPHER Background of state government Origins of the Cold War • The globe State governmentState finance Vietnam Types of maps • Truman to Nixon Reading maps • Ending of the Cold War • State politics • The earth in symbol form

RECENT AMERICA AND REVIEW

Europe to independenceColonies to the Civil War

Civil War to World War II

• World War II to 2020

Civics and World

MAN IN A CHANGING WORLD

• Development of the nation

• Development of government

• Development of the earth

Solving problems

Geography

SOCIAL SCIENCES REVIEW

History and geographyAnthropology

Economics and politics

Sociology

### World History (Grade 10)

### American History (Grade 11)

### Government and Economics (Grade 12)

ANCIENT CIVILIZATIONS 1  Origin of civilization Early Egypt Assyria and Babylonia Persian civilization	FOUNDATION OF THE REPUBLIC  • Democracy develops  • Virginia  • New England colonies  • Middle and southern colonies	INTRODUCTION TO GOVERNMENTS  • Why have governments?  • Types of governments  • Governments in our world  • Political thinkers	Unit 1
ANCIENT CIVILIZATIONS 2  India China Greek civilization Roman Empire	DEVELOPMENT OF CONSTITUTIONAL GOV'T  Relations with England  The Revolutionary War  Articles of Confederation  Constitution of the United States	UNITED STATES GOVERNMENT  U.S. Constitution  Bill of Rights  Three branches of government  Legislative process	Unit 2
THE MEDIEVAL WORLD  • Early Middle Ages  • Middle Ages in transition  • High Middle Ages	NATIONAL EXPANSION  • A strong federal government  • Revolution of 1800  • War of 1812  • Nationalism and sectionalism	AMERICAN PARTY SYSTEM  • American party system  • Development of political parties  • Functions of political parties  • Voting	Unit 3
RENAISSANCE AND REFORMATION  Changes in government and art  Changes in literature and thought  Advances in science  Reform within the church	A NATION DIVIDED  Issues of division  Division of land and people  Economics of slavery  Politics of slavery	HISTORY OF GOVERNMENTS  Primitive governments  Beginnings of democracy  Feudalism, theocracy, and democracy  Fascism and Nazism	Unit 4
GROWTH OF WORLD EMPIRES  • England and France  • Portugal and Spain  • Austria and Germany  • Italy and the Ottoman Empire	A NATION DIVIDED AND UNITED  Regionalism The division The Civil War Reconstruction	THE CHRISTIAN AND GOVERNMENT  Discrimination and the Christian  Christian attitudes  Public opinion and truth in politics  Politics and propaganda	Unit 5
THE AGE OF REVOLUTION  • Factors leading to revolution  • The English Revolution  • The American Revolution  • The French Revolution	U.S. INVOLVEMENT AT HOME AND ABROAD  • Surge of industry  • The industrial lifestyle  • Isolationism  • Involvement in conflict	FREE ENTERPRISE  • Economics  • Competition  • Money through history  • International finance and currency	Unit 6
THE INDUSTRIAL REVOLUTION  Sparks of preparation Industrial Revolution in England Industrial Revolution in America Social changes of the revolution	THE SEARCH FOR PEACE  • World War I and its aftermath  • The Golden Twenties  • The Great Depression  • The New Deal	BUSINESS AND YOU  Running a business Government and business Banks and mergers Deregulation and bankruptcy	Unit 7
TWO WORLD WARS  • Mounting tension  • World War I  • Peace and power quests  • World War II	A NATION AT WAR  Causes of the war  World War II  Korean conflict  Vietnam conflict	THE STOCK MARKET  • How it started and works  • Selecting stocks  • Types of stocks  • Tracking stocks	Unit 8
THE 20TH CENTURY AFTER 1945  • The Cold War  • Korean War and Vietnam War  • Collapse of the Soviet Union  • The 20th century closes	CONTEMPORARY AMERICA  • America from 1960 to 2000  • International scene from 1960 to 2000  • America after 2000  • International scene after 2000	BUDGET AND FINANCE  Cash, credit, and checking  Buying a car  Grants, loans, and IRAs  Savings, debit cards, and global currency	Unit 9
ANCIENT TIMES TO THE 21ST CENTURY  • Ancient civilizations  • Medieval times  • Renaissance and Reformation  • Revolutions and globalization	UNITED STATES HISTORY  Basis of democracy The 1800s Industrialization Current history	GEOGRAPHY  • Euro and International finance  • U.S. geography  • The global traveler  • Neighbors, heroes, and the Holy Land	Unit 10

# Language Arts

	Alphabet Sounds (Grade 1)	The Parts of Speech (Grade 2)	Reading Skills (Grade 3)
Unit 1	ALPHABET AND SHORT VOWEL SOUNDS  • Short vowel sounds  • Consonants  • Main ideas  • Rhyming words	KNOW YOUR NOUNS  Review vowels and consonants  Beginning, middle, and ending sounds  Singular and plural nouns  Common and proper nouns	OLD AND NEW SKILLS  • Vowels and consonants  • Sentence phrases  • Capital letters  • Reading skills
Unit 2	RHYMING WORDS, ADDING "ING"  • Kinds of sentences  • Cardinal and ordinal numbers  • Suffixes and plurals  • Classifying	ACTION VERBS  • Vowel digraphs  • Action words - verbs  • Following directions  • The dictionary  • ABC order	BUILDING WORDS AND SENTENCES  • Long and short vowels  • Questions  • ABC order  • Capital letters
Unit 3	CONSONANT DIGRAPHS, SOFT C AND G  Consonant digraphs  Compounds and syllables  Possessives and contractions  Soft c and g	SIMPLE SENTENCES  • R-controlled vowels  • Consonant blends  • Using capital letters  • Subjects and verbs in sentences	WORDS: GETTING TO THE ROOTS  Root words  Dictionary guide words  Synonyms and antonyms  Capital letters
Unit 4	VERBS, BLENDS, AND SILENT LETTERS  • Paragraphs  • Silent letters  • Sequencing  • Subject-verb agreement	TYPES OF SENTENCES  • Consonant digraphs • Statement, question, and exclamatory sentences • Using capital letters • The library	WORDS: HOW TO USE THEM  Noun and verb Adjective and adverb Irregular vowels Composition
Unit 5	LONG VOWELS AND SYLLABLES  Long vowels and homonyms  Syllables, possessives, and contractions Plurals and suffixes Poetry	USING PUNCTUATION  Diphthongs Punctuation review Contractions Rules for making words plural Writing a biography	SENTENCE: START TO FINISH  • Main idea  • Capital letters and punctuation  • Paragraphs  • Making words plural
Unit 6	R-CONTROLLED VOWELS AND PLURALS  R-controlled vowels  Writing stories  Pronouns  Following directions	ADJECTIVES  Rhyming words Biblical poetry Synonyms and antonyms Adjectives in sentences Comparative and superlative adjectives	ALL ABOUT BOOKS  • Main idea  • Books  • Stories  • Poems  • Critical thinking
Unit 7	VOWEL DIGRAPHS AND SENTENCES  • Vowel digraphs  • Letters — business, friendly, invitations  • Syllables	POSSESSIVE NOUNS • Introduction to letter writing • Pronunciation key • Possessive nouns • Silent consonants • Homonyms	READING AND WRITING  • For directions  • Friendly letters  • Pronouns  • Fact and fiction
Unit 8	VOWEL DIGRAPHS AND POSSESSIVES  • Vowel digraphs  • Subject-verb agreement  • Compounds and contractions  • Possessives  • Pronouns	PRONOUNS  • Author's intent and use of titles  • Predicting content  • Character, setting, and plot  • Analogies  • Writing in cursive	READING SKILLS • For sequence • For detail • Being and compound verbs • Drama
Unit 9	DIPHTHONGS AND CONTRACTIONS  • Vowel digraphs  • Titles and main ideas  • Sentences and paragraphs  • Proper nouns	VERB TYPES AND TENSES  • Review action verbs  • Dividing words into syllables  • State of being verbs  • Past and present verb tenses	MORE READING AND WRITING  • For information  • Thank-you letters  • Book reports  • Reference books
Unit 10	PHONICS AND GRAMMAR REVIEW  Letters and sounds  Contractions  Plurals and possessives  Sentences  Stories	PARTS OF SPEECH AND WORD PARTS REVIEW  Nouns and verbs Word division Consonant blends and digraphs Prefixes, suffixes, and root words Possessives, pronouns, and adjectives	READING AND WRITING SKILLS REVIEW  Reading for comprehension  Sentence punctuation  Writing letters  Parts of speech

# Written Communication and Fiction (Grade 4)

## Story Elements and Poetry (Grade 5)

## Reading for a Purpose (Grade 6)

(Grade +)	(Grade 3)	(Grade o)	
WRITTEN COMMUNICATION  • Word derivations  • Story sequence  • Writing an outline  • Writing a report	STORY MESSAGES  Main idea and plot  Character and setting Dialogue Diphthongs Digraphs	READING FOR A PURPOSE  Critical thinking Research data Parables Synonyms	Unit 1
SOUNDS TO WORDS  • Hard and soft — c and g  • Parts of a dictionary  • Accented syllables  • Haiku poetry	MAIN IDEAS  • Poetry and stories  • Synonyms  • Topic sentences  • Adjectives and nouns  • Compounds	FORMING NEW WORDS  • Prefixes and suffixes  • Synonyms and antonyms  • Adjectives and adverbs  • Critical thinking	Unit 2
WORDS: HOW TO USE THEM  • Prefixes and suffixes  • Homonyms and antonyms  • Poetry and stories  • Writing an outline	WORDS TO STORIES  Subject and predicate Adverbs Critical thinking Writing a short story Idioms	BETTER READING  Story elements Author's purpose Information sources Outline	Unit 3
MORE WORDS: HOW TO USE THEM  • Parts of speech  • Written directions  • Verb tenses  • Possessives	WRITTEN REPORT  Outline  Metaphor and simile  Writing the report  Types of sentences	SENTENCES  Capitals and punctuation Author's purpose Propaganda Types of sentences	Unit 4
WRITING FOR CLARITY  • Figures of speech  • Capital letters  • Punctuation marks  • Writing stories	STORY ELEMENTS  Legend  Dialogue and quotations  Word order and usage  Story elements  Implied meaning	READING SKILLS  • Following directions  • Literary forms  • Phrases, nouns, and verbs  • Paragraph structure	Unit 5
FUN WITH FICTION  • Book reports  • Fiction and nonfiction  • Parables and fables  • Poetry	POETRY  Rhythm Symbolism Personification Irregular plurals Stanza	POETRY  • Similes and metaphors  • Alliteration and homonyms  • Palindromes  • Figures of speech  • Acronyms	Unit 6
FACT AND FICTION  Nouns and verbs  Contractions  Biography Tall tales  Fables	WORD USAGE  Common, plural, and possessive nouns Fact and opinion Story and main idea	STORIES  Story elements  Nouns and pronouns  Vowel digraphs  Business letters	Unit 7
GRAMMAR AND WRITING  • Adjectives to compare  • Adverbs  • Figurative language  • Paragraphs	ALL ABOUT VERBS  Tense and action Participles Regular and irregular Singular and plural	ANALYZING THE NEWS  Propaganda  News stories Auxiliary verbs and verb tenses Adverbs	Unit 8
THE WRITTEN REPORT  • Planning a report  • Finding information  • Creating an outline  • Writing a report	READING FLUENCY  • Speed reading  • Graphic aids  • Study skills  • Literary forms	READING THE BIBLE  • Parables and proverbs  • Hebrew poetry and prophecy  • Bible history  • Old Testament law	Unit 9
COMMUNICATION AND FICTION REVIEW  Reading skills  Nouns and adverbs  Written communication  Literary forms	STORY ELEMENTS AND POETRY REVIEW  Literary forms Parts of speech Writing skills Study skills	AUTHOR'S PURPOSE REVIEW  Literary forms  Writing letters  Parts of speech  Punctuation	Unit 10

## Language Arts

	Grammar and Nonfiction (Grade 7)	Speaking and Writing Skills (Grade 8)	English I (Grade 9)
Unit 1	WORD USAGE  • Proper and common nouns  • Pronouns  • Prefixes and suffixes  • Synonyms and antonyms	IMPROVING COMMUNICATION  Roots and inflections  Affixes and interjections  Oral and written directions  Non-verbal communication	THE STRUCTURE OF LANGUAGE  Nouns, adjectives, and prepositions Verbs, adverbs, and conjunctions Sentence parts Diagram sentences
Unit 2	MORE WORD USAGE  • Speech: Stress and pitch • Verb tenses • Principle parts	ALL ABOUT ENGLISH  Origin of language Classification of nouns, pronouns, verbs, adjectives, and adverbs	NATURE OF LANGUAGE  Origin of language  Using oral and written language  Dictionary  Writing a paper
Unit 3	BIOGRAPHIES  Biography as a form Flashback technique Deductive reasoning Base and root words	PUNCTUATION AND LITERATURE  Connecting and interrupting The essay Thesis statement	PRACTICAL ENGLISH  Dictionary use  Mnemonics  Writing a paper Five-minute speech
Unit 4	STRUCTURE OF LANGUAGE USAGE  • Verb tenses  • Principle parts  • Sentence creativity  • Speech: Pitch and accent	WORDS AND HOW TO USE THEM  Dictionary  Thesaurus  Accent and diacritical marks  Standard and nonstandard	READING WITH SKILL  Plot and setting Characterization Conflict Symbolism
Unit 5	THE NATURE OF ENGLISH  • Formal and informal  • Redundant expressions  • Verb tenses  • Subject-verb agreement	CORRECT LANGUAGE USAGE  Using good form Synonyms and antonyms Homonyms Good speaking qualities	LANGUAGE IN LITERATURE  Collective nouns and verbs Use of comparisons Gerunds and participles Literary genres
Unit 6	THE MECHANICS OF ENGLISH  • Punctuation  • Complements and modifiers  • Subordinate and coordinate clauses	LANGUAGE AND LITERATURE • History of English • Coordination and Subordination • Autobiography	STRUCTURE AND MEANING IN PROSE AND POETRY  • Author's purpose and meaning  • Meaning of structure  • Factors of persuasion  • Understanding poetry
Unit 7	THE HIDING PLACE: A STUDY GUIDE  • Sequence of events  • Facts about characters  • Author's purpose  • Character sketch	CRITICAL READING AND PARAGRAPH SKILLS  • Word evaluation  • The paragraph: Structure, coherence, introduction, and conclusion	COMMUNICATION  • Planning a speech  • Listening comprehension  • Business, informal, and social letters
Unit 8	LITERATURE  • Nonfiction  • Listening skills  • Commas and semicolons  • Nonverbal communication	WRITING, LISTENING, AND READING  Business letters  Personal letters  Four steps to listening  Nonfiction	THE LIBRARY AND DRAMA  • Library resources  • Drama: History, elements, and reading  • The Miracle Worker
Unit 9	COMPOSITIONS  • Sentence types  • Quality of paragraphs  • Pronunciation  • Nonsense literature	SPEAK AND WRITE  Etymology  Modifiers  Number and tense  Oral report	STUDIES IN THE NOVEL  History and definition Critical essay Twenty Thousand Leagues Under the Sea
Unit 10	GRAMMAR AND NONFICTION REVIEW  Parts of speech Sentence structure Punctuation How to communicate	LANGUAGE ELEMENTS IN REVIEW  Composition structure Parts of speech Critical thinking Literary forms	COMMUNICATION AND LITERATURE REVIEW  Communication: Writing, speaking, and listening  Using resources Literature review Diagram sentences

### English II (Grade 10)

### English III (Grade 11)

### English IV (Grade 12)

THE DEVELOPMENT OF ENGLISH  • Historical development  • Varieties of English  • Standard English  • Changes in English	STANDARD ENGLISH  • Need for standard English  • Guardians of the standard  • Dictionaries  • Types of standard English texts	THE WORTH OF WORDS  • Word categories  • Expository writing  • Sentence structure  • Diction	Unit 1
LISTENING AND SPEAKING  Noun plurals  Suffixes  Creating a speech  Nature of listening	WRITING EFFECTIVE SENTENCES  • Subordinate clauses and conjunctions  • Relative pronouns  • Verbals  • Appositives	THE STRUCTURE OF LANGUAGE  Parts of speech Sentence structure Subordinate phrases Subordinate clauses	Unit 2
WRITING EFFECTIVE SENTENCES  • Participles and infinitives  • Prepositions and gerunds  • Simple, compound, and complex sentences  • Diagram sentences	CLEAR CONNECTIONS: A WRITING WORKSHOP  • Understanding pronouns  • Using pronouns correctly  • Using modifiers correctly  • Parallel sentence structures	READ, RESEARCH, AND LISTEN  Reading skills  Resources for research  Taking notes  Drawing conclusions	Unit 3
THE POWER OF WORDS  • Etymology  • Poetic devices  • Literal, figurative, and symbolic poetry  • Connotations	WHY STUDY READING?  • Greek and Latin roots  • Diacritical markings  • Finding the main idea  • Analyzing a textbook	THE GIFT OF LANGUAGE  • Biblical origin  • Koine Greek  • Purpose of grammar  • Semantics	Unit 4
ELEMENTS OF COMPOSITION  Paragraphs  Connectives and transitions  Elements and ideas of expository writing	POETRY  • Metrical feet and sets  • Musical effects  • Universality  • Imagery  • Connotation	MEDIEVAL ENGLISH LITERATURE  • Early England  • Medieval England  • Fourteenth century  • Chaucer	Unit 5
STRUCTURE AND READING  • Subordinate clauses  • Pronouns: Gender, case, and agreement  • Reading for recognition	NONFICTION • Elements • Essays, diaries, newspapers, and biographies • Composition	ELIZABETHAN LITERATURE  • Poetry  • Prose  • Drama • Essay	Unit 6
ORAL READING AND DRAMA  • Skills of oral reading  • Drama: History, irony, elements, and allegory  • Everyman	AMERICAN DRAMA  Development and history Structure Purpose Our Town	17TH AND 18TH CENTURY ENGLISH LITERATURE  • Historical background  • Puritan literature  • Common sense and satire  • Sensibility	Unit 7
THE SHORT STORY  • Elements  • Enjoying short stories • Writing • The literary critique	STUDIES IN THE AMERICAN NOVEL  • Eighteenth, nineteenth, and twentieth century  • The Old Man and the Sea  • The critical essay	CREATIVE WRITING  • Fundamentals  • Inspiration  • Technique and style  • Form and process	Unit 8
THE NOVEL  • Elements • In His Steps • The critical essay • The book review	RESEARCH  • Using sources  • Stating the thesis  • Outline  • Writing the paper	ROMANTIC AND VICTORIAN POETRY  • Wordsworth and Coleridge  • Gordon, Byron, and Shelley  • Keats, Tennyson, and Hopkins  • Robert and Elizabeth B. Browning	Unit 9
COMMUNICATION SKILLS AND FICTION REVIEW  • Writing and speech skills • Poetry • Short stories and novels • Drama	REVIEWING COMMUNICATION SKILLS AND LITERATURE  • Analyzing written word  • Effective sentences  • Expository prose  • Genres of American literature	LANGUAGE AND ENGLISH LITERATURE REVIEW • Creative writing • English literature: Medieval to Victorian	Unit 10

### Math

	Addition and Subtraction	Carrying and Borrowing	Multiplication
	(Grade 1)	(Grade 2)	(Grade 3)
Unit 1	NUMBER ORDER AND ADD/SUBTO 9  • Number order and skip counting  • Add and subtract to 9  • Story problems  • Measurements  • Shapes	NUMBERS AND WORDS TO 100  Numbers and words to 100  Operation symbols: +, —, =, >, < Add and subtract  Place value and fact families  Story problems	ADD/SUB TO 18 AND PLACE VALUE  Digits and place value to 999  Add and subtract  Linear measurements  Operation symbols: +, —, =, >, < Time
Unit 2	ADD AND SUBTRACT TO 10 AND SHAPES  • Add and subtract to 10  • Number words  • Place value  • Patterns, sequencing, and estimation  • Shapes	ADD/SUBTRACT AND EVEN/ODD  Numbers and words to 200  Add, subtract, even and odd  Skip count 2s, 5s, and 10s  Ordinal numbers, fractions, and money  Shapes	CARRYING AND BORROWING  Fact families, patterns, and fractions  Add and subtract with carrying and borrowing  Skip count by 2s, 5s, and 10s  Money, shapes, and lines  Even and odd
Unit 3	FRACTIONS, TIME, AND SYMBOLS  Number sentences Fractions Story problems Time and the = symbol Oral directions	ADD WITH CARRYING TO THE 10'S PLACE  • Add with carrying to the 10's place  • Subtract  • Flat shapes, money, and a.m./p.m.  • Rounding to the 10's place  • Standard measurements	FACTS OF ADD/SUB AND FRACTIONS  Add 3 numbers with carrying Coins, weight, volume, and a.m./p.m. Fractions Skip count by 3s and subtract with borrowing Oral instructions
Unit 4	ADD TO 18, MONEY, AND MEASUREMENTS  • Add to 18  • Skip count, even and odd  • Money  • Shapes and measurements  • Place value	NUMBERS/WORDS TO 999 AND GRAPHS  Numbers and words to 999  Addition, subtraction, and place value  Calendar  Measurements and solid shapes  Making change	ROUNDING, ESTIMATING, AND STORY PROBLEMS  Place value to 9,999  Rounding to the 10's and estimating  Add and subtract fractions  Roman numerals  1/4 inch
Unit 5	COLUMN ADDITION AND ESTIMATION  • Add three 1-digit numbers  • Ordinal numbers  • Time and number lines  • Estimation and charts  • Fractions	ADD/SUBTRACTTO THE 100'S PLACE  Data and bar graphs and shapes  Add and subtract to the 100's place  Skip count 3s and place value to the 100's  Add fractions  Temperature	PLANE SHAPES AND SYMMETRY  Number sentences Rounding to the 100's and estimating Perimeter and square inch Bar graphs, symmetry, and even/odd rules Temperature
Unit 6	NUMBER WORDS TO 99  Number words to 99  Add two 2-digit numbers  Symbols: > and < Fractions  Shapes	SUBTRACT WITH BORROWING FROM 10'S  • Measurements  • Time and money  • Subtract with borrowing from the 10's place  • Add and subtract fractions  • Perimeter	MULTIPLICATION, LINES, AND ANGLES  • Add and subtract to 9,999  • Multiples and multiplication facts for 2  • Area and equivalent fractions  • Line graphs, segments, and angles  • Money
Unit 7	COUNT TO 200 AND SUBTRACT TO 12  • Number order and place value  • Subtract to 12  • Operation signs  • Estimation and time  • Graphs	ADD WITH CARRYING TO THE 100'S PLACE  • Add with carrying to the 100's place  • Fractions as words  • Number order in books  • Rounding and estimating	ADD/SUB MIXED NUMBERS AND PROBABILITY  • Multiplication facts for 5 and missing numbers  • Add and subtract mixed numbers  • Subtract with 0s in the minuend  • Circle graphs  • Probability
Unit 8	ADD AND SUBTRACT TO 18  • Add and subtract to 18  • Group counting  • Fractions  • Time and measurements  • Shapes	VOLUME AND COIN CONVERSION  • Addition, subtraction, and measurements  • Group counting and "thinking" answers  • Convert coins  • Directions: north, south, east, and west  • Length and width	MEASUREMENTS AND MULTIPLICATION  Multiplication facts for 3 and 10, multiples of 4  Convert units of measurement  Decimals and directions  Picture graphs and missing addends  Length and width
Unit 9	SENSIBLE ANSWERS  • Fact families  • Sensible answers  • Subtract 2-digit numbers  • Add three 2-digit numbers	AREA AND SQUARE MEASUREMENTS  • Area and square measurement  • Add three 2-digit numbers with carrying  • Add coins and convert to cents  • Fractions and quarter-inches	MULTIPLICATION, METRICS, AND PERIMETER  • Add and subtract whole numbers, fractions, and mixed numbers  • Standard measurements and metrics  • Operation symbols  • Multiplication facts for 4
Unit 10	ADDITION AND SUBTRACTION REVIEW  • Addition, subtraction, and place value  • Directions: north, south, east, and west  • Fractions  • Patterns	CARRYING AND BORROWING REVIEW  Rules for even and odd numbers  Round numbers to the 100's place  Digital clocks and sensible answers  Add three 3-digit numbers	PROBABILITY, UNITS OF MEASURE, AND SHAPES  Addition and subtraction  Rounding to the 1,000's place and estimating  Probability, equations, and parentheses  Perimeter and area  Multiplication facts for 2, 3, 4, 5, and 10

Introduction to

# Introduction to Division (Grade 4) WHOLE NUMBERS AND FRACTIONS

### Numerical Literacy and Geometric Concepts (Grade 5)

### Fractions, Decimals, and Measurements (Grade 6)

WHOLE NUMBERS AND FRACTIONS  • Naming whole numbers  • Naming fractions  • Sequencing patterns  • Numbers to 1,000	PLACE VALUE, ADDITION, AND SUBTRACTION  Place value Rounding and estimating Addition Subtraction	WHOLE NUMBERS AND ALGEBRA  • Whole numbers and their properties  • Operations and number patterns  • Algebra	Unit 1
MULTIPLYING WHOLE NUMBERS  Operation symbols  Multiplication — 1-digit multipliers  Addition and subtraction of fractions  Numbers to 10,000	MULTIPLYING WHOLE NUMBERS AND DECIMALS  • Multiplying whole numbers  • Powers  • Multiplying decimals	DATA ANALYSIS  Collecting and describing data Organizing data Displaying and interpreting data	Unit 2
SEQUENCING AND ROUNDING  • Multiplication with carrying  • Rounding and estimating  • Sequencing fractions  • Numbers to 100,000	DIVIDING WHOLE NUMBERS AND DECIMALS  One-digit divisors Two-digit divisors Decimal division	DECIMALS • Decimal numbers • Multiplying and dividing decimal numbers • The metric system	Unit 3
LINES AND SHAPES  • Plane and solid shapes  • Lines and line segments  • Addition and subtraction  • Multiplication with carrying	ALGEBRA AND GRAPHING  • Expressions  • Functions  • Equations  • Graphing	FRACTIONS • Factors and fractions • The LCM and fractions • Decimals and fractions	Unit 4
DIVISION AND MEASUREMENTS  • Division — 1-digit divisors  • Families of facts  • Standard measurements  • Number grouping	MEASUREMENT  • The metric system  • The customary system  • Time  • Temperature	FRACTION OPERATIONS  • Adding and subtracting fractions  • Multiplying and dividing fractions  • The customary system	Unit 5
DIVISION, FACTORS, AND FRACTIONS  • Division — 1-digit divisors with remainders  • Factors and multiples  • Improper and mixed fractions  • Equivalent fractions	FACTORS AND FRACTIONS • Factors • Equivalent fractions • Fractions	RATIO, PROPORTION, AND PERCENT  • Ratios  • Proportions  • Percent	Unit 6
MULTIPLICATION AND FRACTIONS  • Multiplication — 2-digit multipliers  • Simplifying fractions  • Averages  • Decimals in money problems  • Equations	FRACTION OPERATIONS  • Like denominators  • Unlike denominators  • Multiplying fractions  • Dividing fractions	PROBABILITY AND GEOMETRY  Probability Geometry: Angles Geometry: Polygons	Unit 7
WHOLE NUMBERS AND FRACTIONS  • Division —1-digit divisors  • Fractions and unlike denominators  • Metric units  • Whole numbers: +, —, x, ÷	DATA ANALYSIS AND PROBABILITY  Collecting data Analyzing data Displaying data Probability	GEOMETRY AND MEASUREMENT • Plane figures • Solid figures	Unit 8
DECIMALS AND FRACTIONS  • Reading and writing decimals  • Adding and subtracting mixed numbers  • Cross multiplication  • Estimation	GEOMETRY • Geometry • Classifying plane figures • Classifying solid figures • Transformations • Symmetry	INTEGERS AND TRANSFORMATIONS  Integers Integer operations Transformations	Unit 9
ESTIMATION, CHARTS, AND GRAPHS  • Estimating and gathering data  • Charts and graphs  • Review numbers to 100,000  • Whole numbers: +, —, x, ÷	PERIMETER, AREA, AND VOLUME  • Perimeter  • Area  • Surface area  • Volume	EQUATIONS AND FUNCTIONS  • Equations  • More equations and inequalities  • Functions	Unit 10

## Math

Integers, Ratios, and

	Basic Geometry	Pre-Algebra	Algebra I
	(Grade 7)	(Grade 8)	(Grade 9)
		(Grade 6)	(Grade 3)
Unit 1	INTEGERS  • Adding and Subtracting Integers  • Multiplying and Dividing Integers  • The Real Number System	THE REAL NUMBER SYSTEM  • Relationships  • Other Forms  • Simplifying	VARIABLES AND NUMBERS  • Variables  • Distributive property  • Definition of signed numbers  • Signed number operations
Unit 2	FRACTIONS  • Working with Fractions  • Adding and Subtracting Fractions  • Multiplying and Dividing Fractions	MODELING PROBLEMS IN INTEGERS  • Equations with Real Numbers  • Functions  • Integers  • Modeling with Integers	SOLVING EQUATIONS  Sentences and formulas Properties Solving equations Solving inequalities
Unit 3	DECIMALS  • Decimals and Their Operations  • Applying Decimals  • Scientific Notation  • The Metric System	MODELING PROBLEMS WITH RATIONAL NUMBERS • Number Theory • Solving Problems with Rational Numbers • Solving Equations and Inequalities	PROBLEM ANALYSIS AND SOLUTION  Words and symbols Simple verbal problems Medium verbal problems Challenging verbal problems
Unit 4	PATTERNS AND EQUATIONS  • Variable Expressions  • Patterns and Functions  • Solving Equations  • Equations and Inequalities	PROPORTIONAL REASONING  • Proportions  • Percents  • Measurement/Similar Figures	POLYNOMIALS  Addition of polynomials  Subtraction of polynomials  Multiplication of polynomials  Division of polynomials
Unit 5	RATIOS AND PROPORTIONS  Ratios, Rates, and Proportions  Using Proportions Fractions, Decimals, and Percents	MORE WITH FUNCTIONS  • Solving Equations  • Families of Functions  • Patterns	ALGEBRAIC FACTORS  Greatest common factor Binomial factors Complete factorization Word problems
Unit 6	PROBABILITY AND GRAPHING  • Probability  • Functions  • Graphing Linear Equations  • Direct Variation	MEASUREMENT  • Angle Measures and Circles  • Polygons  • Indirect Measure	ALGEBRAIC FRACTIONS  Operations with fractions Solving equations Solving inequalities Solving word problems
Unit 7	DATA ANALYSIS  • Describing Data  • Organizing Data  • Graphing Data and Making Predictions	PLANE GEOMETRY  • Perimeter and Area  • Symmetry and Reflections  • Other Transformations	RADICAL EXPRESSIONS  Rational and irrational numbers  Operations with radicals Irrational roots Radical equations
Unit 8	GEOMETRY  • Basic Geometry  • Classifying Polygons  • Transformations	MEASURES OF SOLID FIGURES  • Surface Area  • Solid Figures  • Volume  • Volume of Composite Figures	GRAPHING  • Equations of two variables  • Graphing lines  • Graphing inequalities  • Equations of lines
Unit 9	MEASUREMENTS AND AREA • Perimeter • Area • The Pythagorean Theorem	DATA ANALYSIS  Collecting and Representing Data  Measures of Central Tendency and Dispersion Frequency and Histograms Box-and-Whisker Plots Scatter Plots	SYSTEMS  • Graphical solution  • Algebraic solutions  • Determinants  • Word problems
Unit 10	SURFACE AREA AND VOLUME  Solids Prisms Cylinders	PROBABILITY  • Outcomes  • Permutations and Combinations  • Probability and Odds  • Independent and Dependent Events	OUADRATIC EQUATIONS AND REVIEW  Solving quadratic equations Equations and inequalities Polynomials and factors Radicals and graphing

### Geometry (Grade 10)

### Algebra II (Grade 11)

### Pre-Calculus (Grade 12)

A MATHEMATICAL SYSTEM  • Points, lines, and planes  • Definition of definitions  • Geometric terms  • Postulates and theorems	SETS, STRUCTURE, AND FUNCTION  Properties and operations of sets  Axioms and applications  Relations and functions  Algebraic expressions	RELATIONS AND FUNCTIONS  Ordered-pair numbers Algebra of functions	Unit 1
PROOF  • Logic  • Reasoning  • Two-column proof  • Paragraph proof	NUMBERS, SENTENCES, AND PROBLEMS  Order and absolute value Sums and products Algebraic sentences Number and motion problems	FUNCTIONS  • Linear functions • Second-degree functions • Polynomial and special functions • Complex numbers	Unit 2
ANGLES AND PARALLELS  Definitions and measurements Relationships and theorems Properties of parallels Parallels and polygons	LINEAR EQUATIONS AND INEQUALITIES  Graphs Equations Systems of equations Inequalities	RIGHT TRIANGLE TRIGONOMETRY  • Solving a right triangle  • Unit circle and special angles  • Reciprocal functions and identities  • Radian measure	Unit 3
CONGRUENCY  Congruent triangles Corresponding parts Inequalities Quadrilaterals	POLYNOMIALS  • Multiplying polynomials  • Factoring  • Operations with polynomials  • Variations	GRAPHING AND INVERSE FUNCTIONS  Graphing Sinusoidal functions Inverse trigonometric functions Trigonometric equations	Unit 4
SIMILAR POLYGONS  Ratios and proportions  Definition of similarity Similar polygons and triangles Right triangle geometry	RADICAL EXPRESSIONS  • Multiplying and dividing fractions • Adding and subtracting fractions • Equations with fractions • Applications of fractions	ANALYTIC TRIGONOMETRY  Trigonometric identities Addition formulas Double- and half-angle formulas Products and sums	Unit 5
CIRCLES  Circles and spheres Tangents, arcs, and chords Special angles in circles Special segments in circles	REAL NUMBERS  Rational and irrational numbers  Laws of radicals  Quadratic equations  Quadratic formula	TRIGONOMETRIC APPLICATIONS  Trigonometry of oblique triangles  Vectors	Unit 6
CONSTRUCTION AND LOCUS  Basic constructions Triangles and circles Polygons Locus meaning and use	OUADRATIC RELATIONS AND SYSTEMS  • Distance formulas  • Conic sections  • Systems of equations  • Application of conic sections	POLAR COORDINATES  • Polar equations  • Complex numbers	Unit 7
AREA AND VOLUME  • Area of polygons  • Area of circles  • Surface area of solids  • Volume of solids	EXPONENTIAL FUNCTIONS  Exponents  Exponential equations  Logarithmic functions  Matrices	QUADRATIC EQUATIONS  Circles and ellipses  Parabolas and hyperbolas  Translations	Unit 8
COORDINATE GEOMETRY  Ordered pairs Distance Lines Coordinate proofs	COUNTING PRINCIPLES  Progressions Permutations Combinations Probability	COUNTING PRINCIPLES  Probability Combinations and permutations Sequences, series, and induction	Unit 9
GEOMETRY REVIEW  Proofs and angles  Polygons and circles  Construction and measurements  Coordinate geometry	ALGEBRA II REVIEW  Integers and open sentences Graphs and polynomials Fractions and quadratics Exponential functions	CALCULUS  • Limits  • Slopes  • Curves	Unit 10

## Science

	Your Senses	Our World	Changes to Our World
	(Grade 1)	(Grade 2)	(Grade 3)
Unit 1	YOU LEARN WITH YOUR EYES  Name and group some colors  Name and group some shapes  Name and group some sizes  Help from what you see	THE LIVING AND NONLIVING  • What God created  • Rock and seed experiment  • God-made objects  • Man-made objects	YOU GROW AND CHANGE  • Air we breathe  • Food for the body  • Exercise and rest  • You are different
Unit 2	YOU LEARN WITH YOUR EARS  • Sounds of nature and people  • How sound moves  • Sound with your voice  • You make music	PLANTS  How plants are alike Habitats of plants Growth of plants What plants need	PLANTS  Plant parts Plant growth Seeds and bulbs Stems and roots
Unit 3	MORE ABOUT YOUR SENSES  • Sense of smell  • Sense of taste  • Sense of touch  • Learning with senses	ANIMALS  • How animals are alike  • How animals are different  • What animals need  • Noah and the ark	ANIMAL AND ENVIRONMENT CHANGES  What changes an environment  How animals are different  How animals grow  How animals change
Unit 4	ANIMALS  • What animals eat  • Animals for food  • Animals for work  • Pets to care for	YOU  How people are alike How you are different Your family Your health	YOU ARE WHAT YOU EAT  Food helps your body  Junk foods  Food groups  Good health habits
Unit 5	PLANTS  • Big and small plants  • Special plants  • Plants for food  • House plants	PET AND PLANT CARE  Learning about pets Caring for pets Learning about plants Caring for plants	PROPERTIES OF MATTER  Robert Boyle States of matter Physical changes Chemical changes
Unit 6	GROWING UP HEALTHY  • How plants and animals grow  • How your body grows  • Eating and sleeping  • Exercising	YOUR FIVE SENSES  You can see You can smell and hear You can taste You can feel	SOUNDS AND YOU  Making sounds Different sounds How sounds move How sounds are heard
Unit 7	GOD'S BEAUTIFUL WORLD  • Types of land  • Water places  • The weather  • Seasons	PHYSICAL PROPERTIES  Colors Shapes Sizes How things feel	TIMES AND SEASONS  The earth rotates  The earth revolves  Time changes Seasons change
Unit 8	ALL ABOUT ENERGY  • God gives energy  • We use energy  • Ways to make energy  • Ways to save energy	OUR NEIGHBORHOOD  Things not living Living things Harm to our world Caring for our world	ROCKS AND THEIR CHANGES  Forming rocks Changing rocks Rocks for buildings Rock collecting
Unit 9	MACHINES AROUND YOU  • Simple levers  • Simple wheels  • Inclined planes  • Using machines	CHANGES IN OUR WORLD  Seasons Change in plants God's love never changes God's Word never changes	HEAT ENERGY  • Sources of heat  • Heat energy  • Moving heat  • Benefits and problems of heat
Unit 10	WONDERFUL WORLD OF SCIENCE  • Using your senses  • Using your mind  • You love yourself  • You love the world	LOOKING AT OUR WORLD  Living things  Nonliving things  Caring for our world  Caring for ourselves	PHYSICAL CHANGES  Change in man Change in plants Matter and time Sound and energy

## God's Creation (Grade 4)

### Life Cycles and Geology (Grade 5)

## Plants and Animals / Space (Grade 6)

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PLANTS  • Plants and living things  • Using plants  • Parts of plants  • The function of plants	CELLS  Cell composition Plant and animal cells Life of cells Growth of cells	PLANT SYSTEMS  Parts of a plant Systems of photosynthesis Transport systems Regulatory systems	Unit 1
ANIMALS  • Animal structures  • Animal behavior  • Animal instincts  • Man protects animals	PLANTS: LIFE CYCLES  • Seed producing plants  • Spore producing plants  • One-celled plants  • Classifying plants	BODY SYSTEMS  Digestive system Excretory system Skeletal system Diseases	Unit 2
MAN'S ENVIRONMENT  • Resources  • Balance in nature  • Communities  • Conservation and preservation	ANIMALS: LIFE CYCLES  Invertebrates  Vertebrates  Classifying animals  Relating function and structure	PLANT AND ANIMAL BEHAVIOR  • Animal behavior  • Plant behavior  • Plant and animal interaction  • Balance in nature	Unit 3
MACHINES  • Work and energy  • Simple machines  • Simple machines together  • Complex machines	BALANCE IN NATURE  • Needs of life  • Dependence on others  • Prairie life  • Stewardship of nature	MOLECULAR GENETICS  Reproduction Inheritance DNA and mutations Mendel's work	Unit 4
ELECTRICITY AND MAGNETISM  Electric current  Electric circuits  Magnetic materials  Electricity and magnets	TRANSFORMATION OF ENERGY  • Work and energy  • Heat energy  • Chemical energy  • Energy sources	CHEMICAL STRUCTURE  Nature of matter The periodic table Diagrams of atoms Acids and bases	Unit 5
PROPERTIES OF MATTER  • Properties of water  • Properties of matter  • Molecules and atoms  • Elements	RECORDS IN ROCK: THE FLOOD  • The Biblical account  • Before the Flood  • The Flood  • After the Flood	LIGHT AND SOUND  Sound waves Light waves The visible spectrum Colors	Unit 6
WEATHER  • Causes of weather  • Forces of weather  • Observing weather  • Weather instruments	RECORDS IN ROCK: FOSSILS  • Fossil types  • Fossil location  • Identifying fossils  • Reading fossils	MOTION AND ITS MEASUREMENT  Definition of force Rate of doing work Laws of motion Change in motion	Unit 7
THE SOLAR SYSTEM  Our solar system  The big universe Sun and planets Stars and space	RECORDS IN ROCK: GEOLOGY  • Features of the earth  • Rock of the earth  • Forces of the earth  • Changes in the earth	SPACESHIP EARTH  • Shape of the earth  • Rotation and revolution  • Eclipses  • The solar system	Unit 8
THE PLANET EARTH  • The atmosphere  • The hydrosphere  • The lithosphere  • Rotation and revolution	CYCLES IN NATURE  • Properties of matter  • Changes in matter  • Natural cycles  • God's order	ASTRONOMY AND THE STARS  • History of astronomy  • Investigating stars  • Major stars  • Constellations	Unit 9
GOD'S CREATION  • Earth and solar system  • Matter and weather  • Using nature  • Conservation	LOOK AHEAD  • Plant and animal life  • Balance in nature  • Biblical records  • Records of rock	THE EARTH AND THE UNIVERSE  • Plant systems • Animal systems • Physics and chemistry • The earth and stars	Unit 10

## Science

	Gerierai Science i	Gerierai Science II	General Science III
	(Grade 7)	(Grade 8)	(Grade 9)
Unit 1	WHAT IS SCIENCE?  • Tools of a scientist  • Methods of a scientist  • Work of a scientist  • Careers in science	SCIENCE AND SOCIETY  Definition of science History of science Science today Science tomorrow	OUR ATOMIC WORLD  • Structure of matter  • Radioactivity  • Atomic nuclei  • Nuclear energy
Unit 2	PERCEIVING THINGS  • History of the metric system  • Metric units  • Advantages of the metric system  • Graphing data	STRUCTURE OF MATTER 1  • Properties of matter  • Chemical properties of matter  • Atoms and molecules  • Elements, compounds, and mixtures	VOLUME, MASS, AND DENSITY  • Measure of matter  • Volume  • Mass  • Density
Unit 3	EARTH IN SPACE 1  • Ancient stargazing  • Geocentric theory  • Copernicus  • Tools of astronomy	STRUCTURE OF MATTER 2  • Changes in matter  • Acids  • Bases  • Salts	PHYSICAL GEOLOGY  • Earth structures  • Weathering and erosion  • Sedimentation  • Earth movements
Unit 4	EARTH IN SPACE 2 • Solar energy • Planets of the sun • The moon • Eclipses	HEALTH AND NUTRITION  • Foods and digestion  • Diet  • Nutritional diseases  • Hygiene	HISTORICAL GEOLOGY  • Sedimentary rock  • Fossils  • Crustal changes  • Measuring time
Unit 5	THE ATMOSPHERE  • Layers of the atmosphere  • Solar effects  • Natural cycles  • Protecting the atmosphere	ENERGY 1 • Kinetic and potential energy • Other forms of energy • Energy conversions • Entropy	BODY HEALTH 1  • Microorganisms  • Bacterial infections  • Viral infections  • Other infections
Unit 6	WEATHER  • Elements of weather  • Air masses and clouds  • Fronts and storms  • Weather forecasting	ENERGY 2  • Magnetism  • Current and static electricity  • Using electricity  • Energy sources	BODY HEALTH 2  • Body defense mechanisms  • Treating disease  • Preventing disease  • Community health
Unit 7	CLIMATE  Climate and weather  Worldwide climate  Regional climate  Local climate	MACHINES 1 • Measuring distance • Force • Laws of Newton • Work	ASTRONOMY  • Extent of the universe  • Constellations  • Telescopes  • Space explorations
Unit 8	HUMAN ANATOMY 1  Cell structure and function Skeletal and muscle systems Skin Nervous system	MACHINES 2 • Friction • Levers • Wheels and axles • Inclined planes	OCEANOGRAPHY  • History of oceanography  • Research techniques  • Geology of the ocean  • Properties of the ocean
Unit 9	HUMAN ANATOMY 2  Respiratory system Circulatory system Digestive system Endocrine system	BALANCE IN NATURE  • Photosynthesis  • Food  • Natural cycles  • Balance in nature	SCIENCE AND TOMORROW  The land  Waste and ecology  Industry and energy  New frontiers
Unit 10	CAREERS IN SCIENCE  • Scientists at work  • Astronomy  • Meteorology  • Medicine	SCIENCE AND TECHNOLOGY  Basic science Physical science Life science Vocations in science	SCIENTIFIC APPLICATIONS  • Measurement  • Practical health  • Geology and astronomy  • Solving problems

General Science III

General Science I General Science II

### Biology (Grade 10)

### Chemistry (Grade 11)

### Physics (Grade 12)

TAXONOMY  • History of taxonomy  • Binomial nomenclature  • Classification  • Taxonomy	ESTIMATE AND MEASUREMENT  • Metric units and instrumentation  • Observation and hypothesizing  • Scientific notation  • Careers in chemistry	KINEMATICS  Scalars and vectors Length measurement Acceleration Fields and models	Unit 1
BASIS OF LIFE  • Elements and molecules  • Properties of compounds  • Chemical reactions  • Organic compounds	ELEMENTS, COMPOUNDS, AND MIXTURES  • Alchemy  • Elements  • Compounds  • Mixtures	DYNAMICS  Newton's laws of motion Gravity Circular motion Kepler's laws of planetary motion	Unit 2
MICROBIOLOGY  The microscope Protozoan Algae Microorganisms	GASES AND MOLES  • Kinetic theory  • Gas laws  • Combined gas law  • Moles	WORK AND ENERGY  • Mechanical energy  • Conservation of energy  • Power and efficiency  • Heat energy	Unit 3
CELLS  Cell theories Examination of the cell Cell design Cells in organisms	ATOMIC MODELS  • Historical models  • Modern atomic structure  • Periodic law  • Nuclear reactions	WAVES  • Energy transfers  • Reflection and refraction of waves  • Diffraction and interference  • Sound waves	Unit 4
PLANTS: GREEN FACTORIES  • The plant cell  • Anatomy of the plant  • Growth and function of plants  • Plants and people	CHEMICAL FORMULAS  Ionic charges Electronegativity Chemical bonds Molecular shape	LIGHT  Speed of light  Mirrors  Lenses  Models of light	Unit 5
HUMAN ANATOMY AND PHYSIOLOGY  • Digestive and excretory system  • Respiratory and circulatory system  • Skeletal and muscular system  • Body control systems	CHEMICAL REACTIONS  Detecting reactions Energy changes Reaction rates Equilibriums	STATIC ELECTRICITY  Nature of charges Transfer of charges Electric fields Electric potential	Unit 6
GENETICS AND INHERITANCE  • Gregor Mendel's experiments  • Chromosomes and heredity  • Molecular genetics  • Human genetics	EQUILIBRIUM SYSTEMS  Solutions Solubility equilibriums Acid-base equilibriums Redox equilibriums	ELECTRIC CURRENTS  • Electromotive force  • Electron flow  • Resistance  • Circuits	Unit 7
CELL DIVISION AND REPRODUCTION  • Mitosis and meiosis  • Asexual reproduction  • Sexual reproduction  • Plant reproduction	HYDROCARBONS  Organic compounds Carbon atoms Carbon bonds Saturated and unsaturated	MAGNETISM • Fields • Forces • Electromagnetism • Electron beams	Unit 8
ECOLOGY AND ENERGY • Ecosystems • Communities and habitats • Pollution • Energy	CARBON CHEMISTRY  • Saturated and unsaturated  • Reaction types  • Oxygen groups  • Nitrogen groups	ATOMIC AND NUCLEAR PHYSICS  • Electromagnetic radiation  • Quantum theory  • Nuclear theory  • Nuclear reaction	Unit 9
APPLICATIONS OF BIOLOGY  • Principles of experimentation  • Principles of reproduction  • Principles of life  • Principles of ecology	ATOMS TO HYDROCARBONS  • Atoms and molecules  • Chemical bonding  • Chemical systems  • Organic chemistry	KINEMATICS TO NUCLEAR PHYSICS  • Mechanics  • Wave motion  • Electricity  • Modern physics	Unit 10

### LIFEPAC® Electives

**Enriching Electives:** Providing a more complete academic experience, LIFEPAC electives broaden the knowledge base of students and offer an opportunity to delve deeper into topics they display an interest in exploring.

**Real-world Skills:** LIFEPAC electives enhance learning and equip students with knowledge and skills they can use in the world around them. Biblical concepts are integrated throughout all subjects, and each LIFEPAC has challenging lessons and questions that develop critical thinking skills.

#### **Course List:**

- Accounting
- Art
- Consumer Math
- Family and Consumer Science
- Foundations for Living, Studies in the Christian Worldview<sup>®</sup>
- Spanish I
- · Spanish II
- American Literature
- British Literature
- Civics
- Speech: Essentials of Communication
- Health Quest
- High School Health
- LIFEPAC Select

## Accounting Art Consumer Math (Grades 7-12, 2 Semesters) (Grades 7-12, 2 Semesters) (Grades 11-12, 2 Semesters)

ACCOUNTING OVERVIEW  Nature of bookkeeping and accounting Accounting concepts and terms Starting a proprietorship The accounting equation Changes in the accounting equation	CONCEPTS IN DESIGN  • The design process  • Principles of design and composition	PERSONAL FINANCIAL PLANNING  Financial literacy Goal setting Career planning and research Sources of income Paychecks and taxes	Unit 1
STARTING AN ACCOUNTING SYSTEM  • Accounting concepts  • Introduction to the balance sheet  • Introduction to the general journal  • Introduction to the ledger account  • Prepare a chart of accounts	PRINCIPLES OF COLOR  • The color wheel  • Color phenomenon  • The meaning of color	MONEY MANAGEMENT  Creating a budget  Saving and investing  Spending wisely  Tracking spending  Money management tools	Unit 2
ANALYZING AND JOURNALIZING TRANSACTIONS  Using the T account Accounts and their balances Analyzing a business transaction Journal entries	DESIGN PERSONALITY  • Design personality  • Idea generation	FINANCIAL INSTITUTIONS  Bank services, tools, and resources  Checking accounts  Online banking Finacial risks and management	Unit 3
POSTING TO THE GENERAL LEDGER  • What is a journal? • Why journalize? • Columnar journal • Posting	PERSPECTIVE  • History  • Understanding perspective  • Equal division of space	SAVING AND INVESTING  Savings accounts Special savings accounts Investing vs. saving Investment products	Unit 4
PREPARING THE WORKSHEET  • Accounting concepts and terms • Worksheets • Introduction to adjustments • Financial statements on worksheets • Review worksheet procedures	FIGURE DRAWING  • The head  • Shading  • The body	CONSUMER CREDIT BASICS  Credit cards Finance charges Credit scores Using credit responsibly Consequences and correcting excessive debt	Unit 5
FINANCIAL STATEMENTS  • Financial statements for a proprietorship • Income statements • Equity statements • Balance sheets	SCULPTURE  • Three forms of sculpture  • Four methods of sculpture  • Modeling, casting, and carving	CONSUMER LENDING  Overview of Loans  Mortgage loans and payments  Other types of loans  Financial aid for education  Renting vs. buying	Unit 6
ADJUSTING AND CLOSING ENTRIES  • Accounting terms • Adjusting entries • Post to general ledger • Prepare a post-closing trial balance	COMICS • History • The cartoon figure • Layout and design	SMART CONSUMER  Consumer rights Savings account and loan rights Consumer responsibilities Understanding advertisement techniques	Unit 7
PAYROLL RECORDS  • Payroll taxes  • Figuring earnings for employees  • Complete the payroll register  • Employees' earning record	PRINTMAKING  • Stencil making  • Relief printing  • Intaglio printing  • Monoprinting	HEALTH AND LIFE INSURANCE  • Types of life insurance  • Understanding premiums  • Life insurance cost and premium factors  • Types of health insurance  • Understanding costs of health insurance	Unit 8
PAYROLL ACCOUNTING  Recording a payroll  Recording employers' payroll taxes  Reporting taxes  Payment of taxes	CALLIGRAPHY  • Practice  • Layout and design  • Concept and sketching	RESPONSIBLE FINANCIAL PLANNING  Responsible habits  Cost of financial irresponsibility Finding and evaluating financial information Sources of reliable information Considering and calculating retirement income	Unit 9
BUSINESS SIMULATION  • Purpose  • Materials required  • Steps to complete  • Review all materials	ART APPRECIATION  The purpose of art Recent movement and styles Art forms	Reviewing Consumer Math Concepts  Incomes, banking, and budgets  Taxes, insurance, and investments  Credit scores, credit cards, and consumer loans  Managing debt and planning for the future	Unit 10

### **Electives**

Family and Consumer Science Foundations for Living Spanish I (Grades 7-12, 2 Semesters) (Grades 9-12, 2 Semesters) (Grades 9-12, 2 Semesters)

Unit 1	PERSONAL HYGIENE AND APPEARANCE • Inner beauty • Physical beauty • Behavioral beauty	WHAT IS A BIBLICAL WORLDVIEW?  The ancient Greek worldview: government, religion, and philosophy  The ancient Hebrew worldview: religion, government, and theology  Conflicting worldviews	INTRODUCTION • Spanish alphabet • Syllables and accents • Helpful phrases • Basic greetings
Unit 2	WHAT'S COOKIN'? • Getting acquainted with the kitchen • Recipes • Meal management	PRESUPPOSITIONS  • Assumptions and presuppositions  • Moral relativism versus moral absolutism  • The basis for truth and morality  • The relationship of law and grace	THE SCHOOL  School vocabulary Subject pronouns Verb conjugations: -ar
Unit 3	LET'S EAT!  • Nutrition  • Food preparation  • Meal planning  • Food service	THE DOCTRINES OF THE BIBLE  The inspiration of Scripture  The natural and moral attributes of God:  The authority of God's Word  The illumination of the Holy Spirit	FAMILY AND HOME  Family members  Gender of nouns  Definite and indefinite articles  Verb conjugations: -er and -ir
Unit 4	THE CLOTHES YOU WEAR  • Fashion  • Design and appearance  • Textiles and fabrics  • Care of clothes	GOD'S CREATION  The sovereignty of the Creator  The sanctity and purpose of human life  Abortion and Euthanasia	AROUND TOWN  • Descriptive adjectives  • Adjective agreement  • Irregular verbs  • Numbers to 100
Unit 5	THE CLOTHES YOU SEW  • Sewing equipment and safety  • Basic sewing  • Selecting patterns and fabrics  • Layout, cutting, marking, and pressing  • Sewing project	THE FAMILY  • The Fatherhood of God  • Godliness, leadership, and fatherhood  • Biblical description of a godly man	PASTIMES  • Sports and clothing  • Shoe verbs  • Possessive adjectives  • Caribbean culture
Unit 6	INTERIOR DECORATING  • A brief history of interior design  • Introduction to design and decoration  • Specific treatments  • Visual enrichment  • Sewing for the home	THE BIBLE AND MARRIAGE  The successful Christian family Roles of family members Role conflicts in our culture Lack of a godly family head	IN THE RESTAURANT  • Food  • Numbers to 1,000,000  • Irregular verbs  • South American geography
Unit 7	YOUR HOME AND YOU  It has pitality It is triquette Home management	DATING TO MATRIMONY  Dating versus courtship  Making a commitment  Biblical principles for marriage  The engagement	PERSONAL CARE  • Weather  • Reflexive verbs  • Adverbs  • Demonstrative adjectives
Unit 8	FINANCIAL FREEDOM  • Getting a job  • Personal finance  • Legal matters, forms, and contracts	CHRISTIAN EDUCATION  Created to learn  The foundation of all education  General and special revelation  Filtering facts and applying truth	TRAVELING  • Transportation  • Present progressive tense  • Direct object pronouns  • Comparison of adjectives and adverbs
Unit 9	CHILD CARE AND DEVELOPMENT  • Ages and stages  • Care of children  • Safety and first aid  • The business of baby-sitting	ART, MUSIC, AND POLITICS  • A Christian worldview in art, music, and literature  • A Christian worldview in politics: civil government and Christian involvement	IDIOMS  • Prepositions  • Indirect object pronouns  • Double object pronouns  • Prepositional pronouns
Unit 10	RELATIONSHIPS  • At home  • At school and work  • At church  • At social events  • Choosing the right mate	APPLYING A BIBLICAL WORLDVIEW  Biblical faith Biblical strategies Biblical applications Review	LET'S USE SPANISH  • Spanish review  • Natural situations  • Cultural aspects  • Practice Spanish

## Spanish II American Literature British Literature (Grades 9-12, 2 Semesters) (Grades 7-12, 1 Semester) (Grades 7-12, 1 Semester)

GRAMMAR REVIEW  Counting, dates, and time Present progressive and reflexive verbs Noun-adjective agreement Present tense verbs	EARLY AMERICAN LITERATURE  • The Puritans  • The colonists  • Days of change and revolution	THE MIDDLE AGES  Old English literature  Middle English literature  Morality plays  Prose fiction	Unit 1
FORMS OF THE PAST TENSES  • Idiomatic expressions of past events  • Map skills  • Preterit and imperfect  • Chores and jobs	THE ROMANTIC PERIOD 1800-1855  Romantic period  The fireside poets  The transcendentalists  Poets of despair	THE 16TH CENTURY  • The early Renaissance  • Renaissance poets  • Renaissance prose  • Renaissance drama	Unit 2
USAGES OF THE PAST TENSES  • Preterit and imperfect tenses  • Prepositions  • Geography of Mexico  • The home and workplace	WAR AND RECONCILIATION 1855-1915  • War and reconciliation  • Secession and royalty  • Realism and naturalism  • Naturalists, regionalists, and realists	THE 17TH AND 18TH CENTURIES  The Stuarts  The Puritan revolution  The Restoration and Neoclassic age	Unit 3
POSSESSION AND PRESENT PARTICIPLES  Roles of prepositions  Vocabulary of clothing  Use of the gerund Geography of Spain	MODERN AGE 1915-1946  • The modern age  • Modern prose  • Modern poetry  • Harlem renaissance, drama, & religious works	THE 19TH CENTURY  • The early Romantic era  • The later Romantic era  • The Victorian era	Unit 4
PREPOSITIONS AND PRONOUNS  • Subject, prepositional, and object pronouns  • Prepositions of place  • Vocabulary of the home office  • Expressing the passive voice	MODERN TO POSTMODERN 1946-PRESENT  • Modern to postmodern  • More contemporary writers  • Social issues	THE 20TH CENTURY  • Modern poetry  • Modern drama  • Modern prose  • Modern fiction	Unit 5
COMPARISONS AND NEGATIVES  • Vocabulary related to job hunting  • The Spanish double negative  • Review of pronouns  • The Flamenco dance of Spain			Unit 6
FUTURE AND CONDITIONAL TENSES  Conjugate the forms of future tense Express probability by future tense Conjugate the forms of the conditional tense Vocabulary related to travel by air			Unit 7
COMPOUND TENSES  • Form and usage of the past participle • Present perfect and the pluperfect • Vocabulary about the automobile • Geography of Central America and the Caribbean			Unit 8
ADVERBS AND COMMANDS  • Adverbial expressions of time • Imperative mood and commands • Vocabulary for celebrations and holidays • Mexican traditions			Unit 9
SUBJUNCTIVE MOOD  Relative pronouns  The subjunctive mood  Practical use of the subjunctive  Research paper			Unit 10

### **Electives**

### Civics (Grades 7-12, 1 Semester)

#### Speech: Essentials of Communication (Grades 9-12, 1 Semester)

#### Health Quest (Grades 4-7, 1 Semester)

Unit 1	A NEW NATION  The nature of citizenship, politics, and government  The course of human events  The many faces of government  Strife and compromise	COMMUNICATION FOUNDATIONS  • Types of effective communication  • The influence of perception on communication  • Self concept and communication competence	PHYSICAL HEALTH  Body building blocks  Body framework  Body systems  Growth and development
Unit 2	THE CONSTITUTION  Ratification  A flexible framework  Amendments	LANGUAGE CHARACTERISTICS  The social function of language  The purpose and types of nonverbal communication  Listening process and styles	MENTAL HEALTH  Thinking and learning  Emotional disorders  Social health  Personal hygiene
Unit 3	BRANCHES OF GOVERNMENT  The executive branch  The legislative branch  The judicial branch	INTERPERSONAL COMMUNICATION  Types and stages of interpersonal relationships  Using conversation for interpersonal communication  Communication etiquette  Preparing for an interview	NUTRITION AND FOOD GROUPS  Nutrients and metabolism Basic food groups Physical fitness Good eating habits
Unit 4	GOVERNMENT BY THE PEOPLE  State and local government Election process Citizenship Civic life	GROUP COMMUNICATION  Types of group communication Factors that impact group dynamics Recognizing and evaluating group leadership	INJURY AND DISEASE PREVENTION  Safety and accidents  Natural disasters Emergency care Disease and prevention
Unit 5	RELATIONSHIP TO THE WORLD  • Economics  • Comparative governments  • The United States and the world	PUBLIC MESSAGES  Preparing a speech  Using research and materials for an effective speech  Using notes and outlines to organize speeches  Delivering and evaluating speeches	STEWARDSHIP OF GOD'S CREATION  Environment and health  Use and misuse of drugs  Alcohol and alcoholism  Smoking

## High School Health (Grades 8-12, 1 Semester)

Unit 1	BODY ESSENTIALS  • General health introduction  • The head and crown of Creation  • Body systems  • Growth and development
Unit 2	PHYSICAL HEALTH  Nutrition and exercise Developing good eating habits Exercise and physical fitness Biblical perspectives of health
Unit 3	SOCIAL AND MENTAL HEALTH  Spiritual, mental, and emotional health True health wisdom Social health Personal hygiene
Unit 4	PREVENTATIVE HEALTHCARE AND FIRST AID  • Safety habits  • Fire safety  • First aid
Unit 5	RESPONSIBLE LIVING  Origin and prevention of disease Alcohol and tobacco Drug use and abuse The environment

### LIFEPAC Select

Astronomy (Grades 7-12, 1 Semester)	Composition (Grades 7-12, 1 Semester)	Geography (Grades 7-12, 1 Semester)	
Science 608: Spaceship Earth     Science 609: Astronomy and the Stars     Science 703: Earth in Space 1     Science 704: Earth in Space 2     Science 907: Astronomy	Language Arts 705: The Nature of English     Language Arts 709: Composition     Language Arts 803: Punctuation and Writing     Language Arts 807: Critical Reading and Paragraph Skills     Language Arts 903: Practical English	<ul> <li>History &amp; Geography 702: What Is Geography?</li> <li>History &amp; Geography 703: History and Geography of Our States</li> <li>History &amp; Geography 906: The Earth and Man</li> <li>History &amp; Geography 907: Regions of the World</li> <li>History &amp; Geography 909: The Tools of the Geographer</li> </ul>	
Geology (Grades 7-12, 1 Semester)	Life of Christ (Grades 7-12, 1 Semester)	Life Science (Grades 7-12, 1 Semester)	
<ul> <li>Science 903: Physical Geology</li> <li>Science 904: Historical Geology</li> <li>Science 908: Oceanography</li> <li>Science 705: The Atmosphere</li> <li>Science 707: Climate</li> </ul>	<ul> <li>Bible 704: Christian Evidences: Fulfilled Prophecies about Christ</li> <li>Bible 707: The Life of Christ: Part 1</li> <li>Bible 708: The Life of Christ: Part 2</li> <li>Bible 709: The Life of Christ: Part 3</li> <li>Bible 906: The Revelation of Jesus Christ</li> </ul>	<ul> <li>Science 701: What Is Science?</li> <li>Science 708: Human Anatomy 1</li> <li>Science 709: Human Anatomy 2</li> <li>Science 809: Balance in Nature</li> <li>Science 909: Science and Tomorrow</li> </ul>	
Mankind: Anthropology and Sociology (Grades 7-12, 1 Semester)			
<ul> <li>Bible 702: Mankind</li> <li>History &amp; Geography 704: Anthropology</li> <li>History &amp; Geography 705: Sociology: Man in Groups</li> <li>History &amp; Geography 706: Anthropology and Sociology of the United States</li> <li>History &amp; Geography 906: The Earth and Man</li> </ul>			





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