



Alpha Omega™ Academy

Elementary School Course Catalog



Welcome to Alpha Omega Academy!

Alpha Omega Academy (AOA) is an exciting K-12 distance learning academy that is fully accredited through NCA CASI and is structured to meet the needs of today's families. With qualified teachers, administrative services, and award-winning curriculum choices, Alpha Omega Academy's Christ-centered distance learning program offers the perfect combination of flexibility, assurance, and affordability. Alpha Omega Academy is committed to creating a successful partnership with each parent and enrolled student.

For parents and families who need a comprehensive distance education solution, Alpha Omega Academy is the answer! AOA has enrolled thousands of students from all around the globe—in all 50 states and over 40 countries.

Mission Statement

Alpha Omega Academy's mission is to educate, inspire, and change lives.

We strive to create partnerships with families who provide an environment of academic and spiritual growth for students. We desire that students use their talents and abilities to influence the world for Jesus Christ.

Curriculum Options

Quality Christian education is available through online or print-based courses. With over 50 elementary and middle school courses, AOA offers biblically based and personalized instruction for your student. AOA offers customized curriculum based on your student's placement tests and previous credits. During enrollment, an AOA counselor suggests a program that meets your student's academic needs and addresses any major learning gaps. AOA courses are founded on a Christian worldview and focus on mastery learning and cognitive reasoning.

Able to fit your student's academic needs, AOA offers elementary and middle school courses designed to prepare students for success in high school. AOA partners closely with parents to create a distance learning environment that fosters growth, encourages potential, and promotes individual student development.



Curriculum Options

Online Curriculum

Ignitia (grades 3–8)

With Ignitia, students enjoy a convenient online learning environment. Created exclusively for Christian schools, Ignitia gives students the freedom to learn anywhere 24/7, improving course delivery with applications for Windows®, Macintosh®, and Linux-based operating systems. Ignitia includes all the multimedia features that you've come to expect from our online curriculum, and it allows students to submit projects in various media formats like student-created videos and slide shows. Ignitia offers rigorous courses including the five general subjects of Bible, language arts, math, science, and history and geography, as well as a variety of electives.

Print-based Curriculum

LIFEPAC (grades K–8)

LIFEPAC is a full-color, consumable curriculum that uses mastery-based learning to help students understand concepts and content. Each LIFEPAC is a consumable worktext, a combination of a textbook and a workbook. Under parental direction, students read self-paced lessons, complete activities, interact with teachers, and are tested before moving on to the next unit. This Bible-based curriculum conveniently coordinates subject text, exercises, projects, reviews, and tests. LIFEPAC offers the five general subjects of Bible, history and geography, language arts, math, and science, as well as a Health Quest elective.

Horizons (grades K–7)

Horizons is a colorful, consumable workbook curriculum filled with engaging lessons and hands-on activities. Creative, fun content establishes students in grades K–7 in the fundamentals of math, phonics, reading, spelling, and vocabulary. Horizons Math and Language Arts courses use the spiral learning method of memorization through concept introduction, frequent review, and reinforcement. The unique Horizons Math is a fast-paced, teacher-directed format that uses manipulatives and accelerated learning to build understanding. Horizons curriculum includes Phonics and Reading (K–3) and Math (K–7).



Course List

Course Available In

Kindergarten

Language Arts..... HOR, LP
Math..... HOR, LP

1st Grade

Language Arts..... HOR, LP
Math..... HOR, LP
Science..... LP
History and Geography..... LP
Bible..... LP

2nd Grade

Language Arts..... HOR, LP
Math..... HOR, LP
Science..... LP
History and Geography..... LP
Bible..... LP

3rd Grade

Language Arts..... IGN, HOR, LP
Math..... IGN, HOR, LP
Science..... IGN, LP
History and Geography..... IGN, LP
Bible..... IGN, LP

4th Grade

Language Arts..... IGN, LP
Math..... IGN, HOR, LP
Science..... IGN, LP
History and Geography..... IGN, LP
Bible..... IGN, LP

5th Grade

Language Arts..... IGN, LP
Math..... IGN, HOR, LP
Science..... IGN, LP
History and Geography..... IGN, LP
Bible..... IGN, LP

Course Available In

6th Grade

Language Arts..... IGN, LP
Math..... IGN, HOR, LP
Science..... IGN, LP
History and Geography..... IGN, LP
Bible..... IGN, LP

7th Grade

Language Arts..... IGN, LP
Math..... IGN, HOR, LP
Science..... IGN, LP
History and Geography..... IGN, LP
Bible..... IGN, LP

8th Grade

Language Arts..... IGN, LP
Math..... IGN, LP
Science..... IGN, LP
History and Geography..... IGN, LP
Bible..... IGN, LP

Electives

General Electives

Career Explorations I (7–8)..... IGN
Career Explorations II (7–8)..... IGN
Health Quest (3–8)..... IGN, LP
Keyboarding and Applications (7–8)..... IGN
Principles of Coding (7–8)..... IGN

IGN = Ignitia

HOR = Horizons

LP = LIFEPAAC

PS = Powerspeak



Join Us at Alpha Omega Academy!

Find the place your student belongs.

Designed for those who desire an education at home with the assurance of accreditation, AOA is the perfect combination of flexible learning and structured courses taught by qualified teachers. AOA has open year-long enrollment so you can begin courses whenever it's convenient for you.

Join thousands of other students who enjoy Alpha Omega Academy's K-12 distance learning program and enroll today!

Steps to Enroll

1. Visit aoacademy.com/getting-started and complete the form. An educational specialist will then call you to discuss your student's needs. This form must be completed by a parent or guardian.

2. Complete a free consultation. Our educational specialist will help you learn more about our curriculum options and answer any additional questions you may have.

3. Your first payment will be processed after you decide to officially enroll in Alpha Omega Academy.

4. Complete placement tests and send transcripts. To ensure correct placement within curriculum at our online academy, your student will complete easy-to-follow placement tests. (Kindergarten students are not tested.) Previous school records are required to aid in student placement.

5. Have an advisor consultation. After placement testing and transcripts are received, you and your student will have a consultation session with an academy advisor. In this session, you'll discuss placement test results and course selections.

5. You're enrolled! After receipt of tuition payment, your start date will be selected, and your curriculum will be shipped if applicable. You'll also get access to helpful resources like handbooks, procedure guidelines, and more.

Yes! It's that easy. Register online today at **www.aoacademy.com** or call **800-682-7396** for more information.



Kindergarten

Course Length: 2 Semesters

Available in: Horizons and LIFEPAC

Both Horizons and LIFEPAC programs build an excellent foundation in math and language arts and offer full-color, consumable lessons with extra activities. Parents have the opportunity to discuss specifics about the kindergarten curriculum during their consultation appointment with their AOA faculty advisor.

As a general guideline, LIFEPAC Kindergarten is a perfect fit for students to learn letter sounds and to practice writing and recognizing numbers to 100. Horizons Kindergarten is designed for students who already know all letter sounds and can recognize numbers to 100. Topics include numbers, shapes, colors, sounds, upper and lower case letters, time, an introduction to addition and subtraction, and much more. Both programs offer options for manipulative use to solidify comprehension and engage learners.

Additional Details: Kindergarten curriculum has no unit tests, but specific lessons or pages need to be submitted for review. Letter grades are not assigned for kindergarten. Instead, a final grade report will report the date when the worksheets were reviewed by the academy.

Overview:

Math

- Counting by 1s, 5s, and 10s
- Numbers to 100
- Addition and Subtraction
- Directions and Measurements
- Colors and Shapes
- Comparisons
- Time and Calendars
- Money
- Sequence and Order

Language Arts

- Alphabet and Letter Recognition
- Consonant and Vowel Sounds
- Consonant Digraphs and Blending
- Syllables
- Writing and Upper- and Lower-case Letter Tracing
- Simple Grammar and Punctuation
- Listening Skills
- Reading
- Memorization



Language Arts

Course Length: 2 Semesters

Available in: Horizons and LIFEPAC

First grade language arts is a comprehensive phonics-based language course which integrates phonics, reading, and grammar into one course. Colorful lessons focus on building essential skills in reading, writing, listening, speaking, spelling, vocabulary, and penmanship. Tracing letters and words is also included.

Topics include consonant digraphs, vowel diphthongs, contractions, compound words, possessives, plurals, manuscript writing, and capitalization and punctuation. Both Horizons and LIFEPAC options include bright, illustrated student readers to promote use of vocabulary words, sentence structure, and overall comprehension of reading basics.

Overview:

LIFEPAC

- Alphabet and Short Vowel Sounds
- Rhyming Words, Adding –“ing”
- Consonant Digraphs, Soft “C” and “G”
- Verbs, Blends, and Silent Letters
- Long Vowels and Syllables
- R-controlled Vowels and Plurals
- Vowel Digraphs and Sentences
- Vowel Digraphs and Possessives
- Diphthongs and Contractions
- Phonics and Grammar Review

Horizons

- Consonant and Vowel Sounds
- Consonant Digraphs and Vowel Pairs
- Capitalization and Punctuation
- Consonant Blends and Compound Words
- Long Vowels and Vowel Diphthongs
- Syllables, Prefixes, and Suffixes
- Synonyms, Antonyms, and Homonyms
- Irregular Plurals and Possessives
- Letter and Word Writing Practice
- Spelling with Long Vowels and Compound Words



Math

Course Length: 2 Semesters

Available in: Horizons and LIFEPAAC

First grade math continues to build math skills through various question formats, multiple exercise techniques, and learning games. Colorful lessons focus on continuing fundamental concepts taught in kindergarten. Fun, hands-on activities include connecting dot-to-dots, drawing colors and shapes, and matching items.

Topics include addition and subtraction of double digits to 18, counting, word problems, place value, shapes, fractions, time, measurement, money, bar graphs, word numbers to 100, greater than and less than, and skip counting. Students use common manipulatives like a clock, ruler, or coins to learn concepts.

Overview:

LIFEPAAC

- Number Order and Add and Subtract
- Add and Subtract to 10 and Shapes
- Fractions, Time, and Symbols
- Add to 18, Money, and Measurements
- Column Addition and Estimation
- Number Words to 99
- Count to 200 and Subtract to 12
- Add and Subtract to 18
- Sensible Answers
- Review

Horizons

- Count to 100
- Ordinal Numbers to 10 and Number Sequence
- Place Value 1s, 10s, and 100s
- Double and Triple Digit Numbers
- Horizontal and Vertical Addition and Subtraction
- Months of the Year and Days of the Week
- Money and Measurements
- Fractions
- Shapes and Graphs
- Rounding Numbers



Science

Course Length: 2 Semesters

Available in: LIFEPAAC

In first grade science, students focus on the development of observational skills as they study the physical universe God created. This program integrates hands-on experiment activities with lessons to emphasize science concepts. Colorful, illustrated lessons engage young learners and introduce them to the four major strands of science: life science, earth science, physical science, and nature science.

Topics include material on observing the world with the five senses, different kinds of animals, different kinds of plants, growing up healthy, energy, simple machines, and God's beautiful world. Additional concepts introduced include seasons, weather, pet care, plant growth, land types, and loving oneself and the world.

Overview:

- You Learn with Your Eyes
- You Learn with Your Ears
- More About Your Senses
- Animals
- Plants
- Growing Up Healthy
- God's Beautiful World
- All about Energy
- Machines around You
- Wonderful World of Science



History and Geography

Course Length: 2 Semesters

Available in: LIFE PAC

In first grade history and geography, students develop an understanding of and appreciation for God's activity as seen in the record of man and his relationships. Students learn about themselves, their families, their country, and the world. Skills like matching people and places and recognizing the sequence of events are also taught.

Topics include being special in God's eyes, communication, living in a family, community helpers such as firemen and doctors, our country, and our world. Lessons also include proper manners, sounds, understanding emotions, places people live like the farm and city, and friends around the globe. Bright, colorful illustrations and fun activities are included to engage students in learning.

Overview:

- I Am a Special Person
- Communicating with Sound
- I Have Feelings
- I Live in a Family
- You and God's Family
- Places People Live
- Community Helpers
- I Love my Country
- I Live in the World
- The World and You



Bible

Course Length: 2 Semesters

Available in: LIFE PAC

In first grade Bible, students learn about God's grand design and biblical truths by studying both the Old and New Testaments. Utilizing the King James Version, this Bible course covers a variety of biblical material to assist in the development of practical Christian living. Lessons include the Creation story and develop skills like writing and tracing simple words, matching, and color recognition.

Topics include God's love for his children, praying to God and listening to God, Jesus is our Savior, God uses missionaries, and God's promises. Students are also introduced to Old and New Testament Bible stories and characters like Jonah, David, Daniel, Esther, Moses, Zacchaeus, and Paul. Lessons include bright, colorful graphics and fun activities to engage young learners.

Overview:

- God Created All Things
- God Loves His Children
- We Can Pray
- God Wants You To Be Good
- Old Testament Stories
- God's Promise
- Jesus, Our Savior
- God Calls Missionaries
- New Testament Stories
- God Gave You Many Gifts



Language Arts

Course Length: 2 Semesters

Available in: Horizons and LIFEPAC

Second grade language arts continues to build phonics, reading, and grammar. Colorful, illustrated lessons focus on building essential skills in reading, writing, listening, speaking, spelling, vocabulary, and penmanship. Lessons include word activities, writing practice, syllables and consonant blends, and stories for reading comprehension.

Topics studied include nouns and verbs, vowel sounds, plurals, prefixes and suffixes, cursive writing, rhyming words, simple sentences, punctuation, digraphs, and diphthongs. In both Horizons and LIFEPAC programs, writing in cursive is introduced, and guidelines to help students learn correct writing formations are included. In Horizons, lessons focus specifically on the concepts of penmanship, phonics and reading, and spelling and vocabulary are offered. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

LIFEPAC

- Know Your Nouns
- Action Verbs
- Simple Sentences
- Types of Sentences
- Using Punctuation
- Adjectives
- Possessive Nouns
- Pronouns
- Verb Types and Tenses
- Looking Back

Horizons

- Syllables and Consonant Blends
- Beginning and Ending Consonant Blends
- Triple Consonants
- More Long Vowel Digraphs
- Plurals and Possessives
- R-controlled Words
- Double Letters and Short Letters
- Alphabetical Order
- Irregular Plurals and Comparative Endings
- Suffixes and Prefixes
- Writing Sentences and Writing in Cursive
- Spelling Compound Words



Math

Course Length: 2 Semesters

Available in: Horizons and LIFEPAAC

Second grade math continues to build math skills through various question formats, multiple exercise techniques, and learning games.

Colorful, illustrated lessons focus on continuing concepts taught in 1st grade and include fun activities to enrich learning and build comprehension.

Topics include number words to 1,000, addition and subtraction to double and triple digits, area and volume, shapes, graphs, money conversion, temperature and thermometers, calendars, operation signs, and word problems. Skip counting, recognizing ordinal numbers, and understanding odd and even numbers are all discussed. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

LIFEPAAC

- Word Numbers to 100
- Addition and Subtraction/Odd and Even
- Adding Carrying to the 10s
- Numbers/Words to 999 and Graphs
- Add and Subtract to the 100s
- Subtract with Borrowing from 10s
- Add with Carrying to the 100s
- Volume and Coin Conversion
- Area and Square Measurements
- Review

Horizons

- Counting to 999 and Roman Numerals
- Ordinal Numbers to 100
- Place Value to 1s, 10s, 100s, and 1,000s
- Carrying in 1s, 10s, and 100s
- Borrowing in 1s and 10s
- Time and Calendars
- Money, Measurements, and Temperature
- Fractions
- Shapes and Area, Perimeter, and Volume
- Graphs and Rounding
- Multiplication to 10 and Word Problems



Science

Course Length: 2 Semesters

Available in: LIFE PAC

In second grade science, students continue to develop observational skills as they study the physical universe God created. This Bible-based course integrates hands-on experiment activities with lessons to emphasize science concepts. Lessons explain how people are alike and different, how to care for the world, along with examining animals, plants, and the five human senses.

Topics help students learn the difference between God-made and man-made objects, plant habitats, and physical properties. Colors, shapes, sizes, and textures are also explored. Students also learn how people interaction with neighborhoods, more about seasons, and how God's love and His Word never changes. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- The Living and Nonliving
- Plants
- Animals
- You
- Pet and Plant Care
- Your Five Senses
- Physical Properties
- Our Neighborhood
- Changes in Our World
- Looking at Our World



History and Geography

Course Length: 2 Semesters

Available in: LIFE PAC

In second grade history and geography, students develop an appreciation for others and learn how to be a good neighbor within a community. Full-color, illustrated lessons include reading activities and hands-on learning exercises that encourage an understanding of concepts. Students are introduced to different community helpers, how neighborhood stores offer goods and services, and how farming and cities grow and change.

Topics include helping your neighbors, understanding other cultures, the reason for travel communication in our world, caring for our neighbors, and how groups in the community depend on each other. A section about communicating with God is also included. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- Families and Neighbors
- Community Helpers
- Neighborhood Stores
- Farms and Cities
- Neighbors around the World
- A Japanese Family
- How We Travel
- Messages from Far and Near
- Caring for Our Neighborhoods
- People Depend on Each Other



Bible

Course Length: 2 Semesters

Available in: LIFE PAC

In second grade Bible, students learn about the omnipresence of God. Utilizing the King James Version, this Bible course covers a variety of biblical material to assist in the development of practical Christian living. Fun, brightly illustrated lessons include Bible memorization and word activities to help build comprehension skills.

Topics include God's love, the story of Moses, God's relationship with us, the story of the Bible's origins, David's sling, and God's will. Additional topics include the story of Joseph, being apart of God's family, God's creation of the nations, and belonging to God. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- Who Am I?
- The Story of Moses
- God and You
- How the Bible Came to You
- David's Sling
- God is Everywhere
- The Story of Joseph
- God and the Family
- God Made the Nations
- God, His Word, and You



Language Arts

Course Length: 2 Semesters

Available in: IGN, Horizons
and LIFEPAAC

Third grade language arts creates a love for learning and covers essential grammar skills like spelling, vocabulary, reading, and writing.

This one year course covers language topics like pronunciation marks, final “e” words, “ng” and “nk” patterns, homonyms, homographs, “qu” words, and triple consonant blends.

Building on phonics and spelling rules, this online academy course also reviews consonant blending, compound words, comparisons, prefixes, and suffixes. Additional reading materials like classic short stories and poems foster your student’s imagination and improve reading skills. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

IGN

- Vowels, Main Idea, & Capitalization
- Sentences, Capitalization, & ABC Order
- Dictionary Skills, Word Parts, & Vocabulary
- Parts of Speech & Irregular Vowels
- Commas & Silent Letters
- Cause/Effect, Homographs, & Haiku Poetry
- Suffixes, Pronouns, & Friendly Letters
- Plays, Adjectives, & Root Words
- Classifying, Referencing, & Predicting
- Review

LIFEPAAC

- Old & New Skills
- Building Words & Sentences
- Words: Getting to the Roots
- Words: How to Use Them
- Sentence: Start to Finish
- All about Books
- Reading & Writing
- Reading Skills
- More Reading & Writing
- Looking Back

Horizons

- Vowel Sounds & Consonant Blends
- Digraphs & Diphthongs
- Soft & Hard Sounds
- Prefixes & Suffixes
- Antonyms, Synonyms, & Homonyms
- Analogies & Contractions
- Three-syllable Words & Patterns
- Regular & Irregular Spellings
- Comparisons & Palindromes



Math

Course Length: 2 Semesters

Available in: IGN, Horizons,
and LIFEPAAC

Dive into a world of numbers! Third grade math continues to build foundational math principles through various question formats, learning games, and puzzles. Bright, colorful lessons include hands-on exercises and step-by-step explanations to make learning math fun and easy to grasp.

Topics include word numbers to 10,000, addition and subtraction to four digits, shapes, fractions, multiplication and division to 10s, graphics, measurement, decimals, Roman numerals, and math operation definitions. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

IGN and LIFEPAAC

- Word Numbers
- Addition Problems
- Subtraction Problems
- Number Order
- Carrying Numbers
- Borrowing Numbers
- Symbols and Counting Multiples
- Addition and Subtraction Problems
- Fractions
- Review

Horizons

- Numbers to 1,000,000 and Roman Numerals
- Positive and Negative Numbers
- Place Value to 1,000,000
- Carrying to 4-digits and Estimating Answers
- Operand Terms
- Time and Calendars
- Money, Measurements, and Temperature
- Fractions and Mixed Numbers
- Shapes and Area, Perimeter, and Volume
- Graphs and Word Problems
- Multiplication and Division to 10s



Science

Course Length: 2 Semesters

Available in: IGN and LIFEPAC

Help students learn more about their world!

In third grade science, students focus on the development of observational skills as they study the physical universe God created.

This Bible-based course integrates hands-on experiment activities with lessons to emphasize science concepts.

Topics include food and eating, how sound is heard, the earth and its seasons, and rocks.

Additional lessons include the air we breathe, exercise and rest, plants and growth, animals and growth, food groups, properties of matter, heat energy, and physical changes. Course units contain quizzes and tests to evaluate progress and student mastery.

Additional Details: Materials are required to complete the experiments in this course.

Please view a list of supplies at the academy's website. If materials are not available to you, some projects include videos of the experiment that students can watch to meet the experiment requirements.

Overview:

- You Grow and Change
- Plants
- Animal and Environmental Changes
- You Are What You Eat
- Properties of Matter
- Sounds and You
- Times and Seasons
- Rocks and Their Changes
- Heat Energy
- Physical Changes



History and Geography

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

Explore U.S. regions and discover their unique characteristics. Along with map terminology and geographical terms, this fun course introduces third grade students to the land, resources, and people in different areas across the United States of America. Lessons motivate learning with colorful maps and engaging illustrations and conveniently coordinate instruction with subject text, exercises, and hands-on projects.

Topics include key events in each U.S. region's history, influential individuals, natural and human resources, weather patterns and climate, lifestyles and culture, major businesses and industries, along with places of interest that people enjoy visiting. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- U.S. Geography and History Study Skills
- New England States
- Mid-Atlantic States
- Southern Atlantic States
- Southern States
- Great Lakes States
- Midwestern States
- Mountain States
- Pacific States
- U.S. Geography and History Review



Bible

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

In third grade Bible, students learn how to live for God by obeying, praising, worshipping, and serving Him. Lessons include color and fun activities that promote concept retention and help explain biblical teachings. Utilizing the King James Version, this Bible course covers a variety of biblical material to assist in the development of practical Christian living.

Topics include the life of Jesus Christ, God's plan for Joseph, reading the Bible, and understanding how God takes care of His people. Additional lessons include the books and writers of the Bible, promises from the Bible, and loving others. Verse memorization and writing exercises are included. Stories include the lives of Abraham and Paul. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- Living for God
- The Life of Jesus Christ
- God's Plan for Joseph
- You Can Use the Bible
- God Takes Care of His People
- The Bible Is God's Word
- Archeology and the Bible
- God Gave Us the Need for Friends
- God's People Help Others
- God's Word, Jesus, and You



Language Arts

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

It's time to focus on writing! In fourth grade language arts, students learn various literary styles. This course includes instruction in sentence structure, spelling, reading, vocabulary, composition, and speaking. Grammar exercises, writing assignments, and colorfully illustrated text engage students and build comprehension.

English-themed topics include composition, grammar, parts of speech, possession, and verb tenses, as well as lessons on poetry, etymology, fiction, and non-fiction literature. Lesson exercises include writing an outline and stories, understanding dictionary structure, and reading fables and parables. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- Written Communication
- Sounds to Words
- Words: How to Use Them
- More Words: How to Use Them
- Writing for Clarity
- Fun with Fiction
- Fact and Fiction
- Grammar and Writing
- The Written Report
- Looking Back



Math

Course Length: 2 Semesters

Available in: IGN, Horizons,
and LIFEPAAC

Multiply your students' math skills! Fourth grade math continues to build math skills through various question formats, creative exercises and activities, and fun learning games. Charts and graphs are also included to help with visual understanding, along with step-by-step directions for problems so students can comprehend mathematical processes.

Topics studied in this course include whole numbers, multiplication to the 10,000s, division with one-digit divisors, mixed fractions, averaging, shapes, decimals, estimation and rounding, angles, and graphs. Eye-catching illustrations and colorful material creates an inviting environment for learning. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

IGN and LIFEPAAC

- Whole Numbers and Fractions
- Multiplying Whole Numbers
- Sequencing and Rounding
- Lines and Shapes
- Division and Measurements
- Division, Factors, and Fractions
- Multiplication and Fractions
- Whole Numbers and Fractions
- Decimals and Fractions
- Estimation, Charts, and Graphs

Horizons

- Numbers through a Billion
- Prime and Composite/ Prime Factorization
- Place Value to Quadrillion
- Ordinal Numbers to 100
- Rounding and Greater Than and Less Than
- Addition and Subtraction to 6-digits
- Time Zones, Measurements, and Temperature
- Fractions and Decimals
- Ratios/Adding and Subtracting Mixed Numbers
- Shapes, Lines, and Equations
- Graphs
- Multiplication to 3-digits/Division with 1-digit Divisor



Science

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

Spark students' imaginations! In fourth grade science, students focus on the living universe and God's creation. This Bible-based course integrates hands-on experiment activities with lessons to emphasize science concepts. Deepening your students' love of science, this course's topics include plants and animals, the environment, and physical and chemical science.

Additional study topics include weather, the solar system, and the earth's atmosphere. Lessons include content on electricity, changes in matter, magnetism, atoms and molecules, stars and space, the earth's rotation and revolution, the gift of nature, and conservation practices. Course units contain quizzes and tests to evaluate progress and student mastery.

Additional Details: Materials are required to complete the experiments in this course. Please view a list of supplies at the academy's website. If materials are not available to you, some projects include videos of the experiment that students can watch to meet the experiment requirements.

Overview:

- Plants
- Animals
- Man's Environment
- Machines
- Electricity and Magnetism
- Properties of Matter
- Weather
- The Solar System
- The Planet Earth
- God's Creation



History and Geography

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

Explore the world's amazing geography! In fourth grade history and geography, students travel the globe to learn about the uniqueness of the earth's different locations and cities. Broadening students' understanding of the world, this course uncovers the interesting topics of land topography, countries, and continents.

Topics include space and oceans, seaport cities, tropical rain forests, desert lands, island countries, and mountain countries. Taking students on a journey around the earth, this course goes everywhere from Hong Kong and Kenya to the Arctic and Nepal. Lessons also cover the geographic traits of North America and space exploration. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- Our Earth
- Seaport Cities
- Desert Lands
- Grasslands
- Tropical Rain Forests
- The Polar Regions
- Mountain Countries
- Island Countries
- North America
- Our World in Review



Bible

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

Show students how to be disciples for Christ! In fourth grade Bible, students cover many aspects of Christian discipleship and living for God. Utilizing the King James Version, this Bible course covers a variety of biblical material to assist in the development of practical Christian living. Colorful, interesting lessons engage student interest while graphics help illustrate important biblical lessons.

Deepening students' knowledge of the Bible, course topics include stories the Old and New Testaments on Daniel, Peter, Paul, David the Shepherd, and Jesus and the Sheep. Discipleship themes include witnessing for Christ, praying, being fruitful through the Spirit, and reading the Bible. Activities include Bible verse memorization and word puzzles. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- How Can I Live for God?
- God's Knowledge
- Saul Begins to Live for God
- The Bible and Me
- God Cares for Us
- How Can I Know God Exists?
- Old Testament Geography
- God-given Worth
- Witnessing for Jesus
- God's Way Is Perfect



Language Arts

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

Help students understand the importance of stories as a literary form! In fifth grade language arts, students learn the main points of short story writing, recognizing main ideas, correct word usage, and story elements like dialogue, implied meaning, and symbolism. This course includes instruction in sentence structure, spelling, reading, vocabulary, composition, and speaking.

Including fun, bright lessons, this course's topics include grammar skills such as subjects and predicates, adjectives, regular and irregular verbs, verb tenses, participles, as well as lessons on reading fluency, poetry, and report writing. Exercises include speed reading, determining word order, and writing. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- Story Messages
- Main Ideas
- Words to Stories
- Written Report
- Story Elements
- Poetry
- Word Usage
- All about Verbs
- Reading Fluency
- Looking Back



Math

Course Length: 2 Semesters

Available in: IGN, Horizons, and LIFEPAAC

Divide and conquer math concepts with fifth grade math! This course continues to build math skills and students' understanding of main operations. Lessons include exercises with calculators, ratios and fractions, percents, story problem solving, averages, and measurements. Bright, appealing lesson content and graphics encourage student interaction and reinforce concepts.

Topics include multiplication by three digits, division with two digit divisors, rounding, simplifying fractions, problems with various operations, least common multiples, fractions with various operations, mixed numbers, probability, and metric units. Charts and graphs, shapes, and conversion practices are all discussed. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

IGN and LIFEPAAC

- Place Value, Addition, & Subtraction
- Multiplying Whole Numbers & Decimals
- Dividing Whole Numbers & Decimals
- Algebra & Graphing
- Measurement
- Factors & Fractions
- Fraction Operations
- Data Analysis & Probability
- Geometry
- Perimeter, Area, & Volume

Horizons

- Numbers through Hundred Billion
- Place Value to Hundred Billion
- Number Lines and Comparing Integers
- Addition and Subtraction to 6-digits
- Counting Change
- Standard and Metric Measurements and Temperature
- Ratios, Fractions, and Decimals
- Least Common Multiples and Mixed Numbers
- Shapes
- Probability and Calculators
- Multiplication and Division to 3-digits



Science

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

Dig into learning with fifth grade science! In this Bible-based science course, students focus on learning all about geology and fossils. Full-color, illustrated lessons include subjects like the Flood, fossil types and identification, features of the earth, and natural cycles. This course integrates hands-on experiment activities and helpful illustrations with lessons to emphasize science concepts.

Delving into informative lessons, students will explore topics such as cells, plant and animal life cycles, balance in nature, and energy. In-depth material includes cell growth, plant and animal classification, the stewardship of nature, and God's order. Course units contain quizzes and tests to evaluate progress and student mastery.

Additional Details: Materials are required to complete the experiments in this course. Please view a list of supplies at the academy's website. If materials are not available to you, some projects include videos of the experiment that students can watch to meet the experiment requirements.

Overview:

- Cells
- Plants: Life Cycles
- Animals: Life Cycles
- Balance in Nature
- Transformation of Energy
- Records in Rock: the Flood
- Records in Rock: the Fossils
- Records in Rock: Geology
- Cycles in Nature
- Look Ahead



History and Geography

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

Discover the Western Hemisphere in fifth grade history and geography! With this fun, interesting course, students develop an understanding of the New World, the birth of the United States, and an in-depth study of each period of U.S. history. Step-by-step lessons outline important facts and historical references with colorful graphics that help reinforce content.

Furthering students' knowledge of America as a nation, lesson topics also include subjects such as the American colonies, the American War of Independence, the Louisiana Purchase, the Civil War, the Progressive Era, the World Wars, and the new Millennium. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- A New World
- A New Nation
- A Time of Testing
- A Growing Nation
- A Divided Nation
- A Changing Nation
- Depression and War
- Cold War
- Into the New Millennium
- The United States of America



Bible

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

Teach students about God's powerful presence! In fifth grade Bible, students learn how God is everywhere, how to be a Christian in the world, the structure of the Bible, and God's authority. Utilizing the King James Version, this Bible course covers a variety of biblical material to assist in the development of practical Christian living. Full-color lessons include graphics and Scripture memorization to build comprehension.

Continuing students' knowledge of the Bible, topics cover Abraham and other servants of God, angels, the apostle Paul and his missionary journeys, proving what we believe, and Christ as a judge. Additional Christian basics taught include God as the source of all law, the Bible as a book of prophecy and poetry, and blessing others through service. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- How Others Lived for God
- Angels
- The Presence of God
- Bible Methods and Structure
- The Christian in the World
- Proving What We Believe
- Missionary Journeys of Paul
- God Created Man for Eternity
- Authority and Law
- Angels, the Bible, and Living for God



Language Arts

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

In sixth grade language arts, students learn how to read for a purpose, focusing on sentences and poetry. Lessons include topics like critical thinking, reading comprehension, and story structure. This course includes instruction in sentence structure, spelling, reading, vocabulary, composition, and speaking.

Helping students realize the need for strong reading skills, this course's topics include researching, etymology, grammar, sentence structure, literary forms and techniques, poetry, and the Bible as literature. Newspapers and propaganda are also discussed. Fun, colorful lessons include helpful graphics, reading exercises, and writing practice. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- Reading for a Purpose
- Forming New Words
- Better Reading
- Sentences
- Reading Skills
- Poetry
- Stories
- Newspapers
- Reading the Bible
- Looking Back



Math

Course Length: 2 Semesters

Available in: IGN, Horizons, and LIFEPAAC

Prepare for pre-algebra! Sixth grade math continues to build skills and explore the order and method of mathematics in solving problems. Clear explanations and colorful illustrations help students grasp lesson material and engage them in learning. Lessons in this online academy course include topics such as whole number operations, data collection, place value, factors, fractions and mixed numbers, geometry basics, equations, and functions.

Continuing to equip students for success in middle school math, this step-by-step online academy course also discusses calculators, ratios, angles and shapes, charts and tables, graphing and estimation, integers and operations, decimals, and variables and properties. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

Ignitia and LIFEPAAC

- Whole Numbers and Algebra
- Data Analysis
- Decimals
- Fractions
- Fraction Operations
- Ratio, Proportion, and Percent
- Probability and Geometry
- Geometry and Measurement
- Integers and Transformations
- Equations and Functions

Horizons

- Numbers through Hundred Trillion
- Square Roots and Order of Operations
- Addition and Subtraction to Six Digits
- Equations and Ratios
- Standard and Metric Measurements and Temperature
- Simplifying Fractions/Dividing Mixed Numbers
- Bisecting Angles
- Equations in Word Problems
- Probability and Basic Statistics
- Personal Finances
- Multiplication and Division by Four Digits



Science

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

In sixth grade science, students step into space and the cosmos! This colorful, fun course integrates hands-on experiment activities with lessons to emphasize science concepts. Preparing students for middle school science lessons, this course solidifies fundamentals like plant and human body systems, along with plant and animal behavior. Taught from a biblical viewpoint, this course integrates hands-on experiment activities and helpful illustrations with lessons to emphasize science concepts.

Broadening students' grasp of chemistry and physic basics, lesson topics include chemical structure, DNA and genetics, motion, the Periodic Table, the earth's orbit and solar system, astronomy, and light and sound waves. Fun writing exercises are included to help build science vocabulary. Course units contain quizzes and tests to evaluate progress and student mastery.

Additional Details: Materials are required to complete the experiments in this course. Please view a list of supplies at the academy's website. If materials are not available to you, some projects include videos of the experiment that students can watch to meet the experiment requirements.

Overview:

- Plant Systems
- Animal Systems
- Plant and Animal Behavior
- Molecular Genetics
- Chemical Structure
- Light and Sound
- Motion and Its Measurement
- Spaceship Earth
- Astronomy and the Stars
- The Earth and the Universe



History and Geography

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

Students travel the world in sixth grade history and geography! In this fun, colorful course, students explore continental geography.

Lessons include topics such as latitude and longitude, hemispheres, and various world regions. Step-by-step explanations, map exercises, and helpful illustrations are added to build comprehension and motivate students.

Taking a trip across time and civilizations, this course's topics include Mesopotamia, ancient Greece and Rome, and the Middle Ages and the Crusades. Students also discover countries of Africa and South America. Eastern and Western Europe are also examined from the Renaissance Period through Communism and the Space Age. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- World Geography
- The Cradle of Civilization
- Greece and Rome
- The Middle Ages
- Six South American Countries
- Other American Countries
- Africa
- Modern Western Europe
- Modern Eastern Europe
- The Development of Our World



Bible

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

Students get a comprehensive Bible survey course in sixth grade Bible! In this course, students will cover biblical topics from Creation to Revelations. Utilizing the King James Version, this Bible course covers a variety of biblical material to assist in the development of practical Christian living.

Traveling the span of the Bible, this course starts in the Old Testament with topics that include God's grand design and creation, Abraham and his descendants, Joshua and the Kingdom of Israel, and Israel's captivity and restoration. New Testament instruction begins with the life of Christ, the life and writings of Paul and the apostles, and ends with Revelation. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- From Creation to Moses
- From Joshua to Samuel
- The Kingdom of Israel
- The Divided Kingdom
- Captivity and Restoration
- The Life of Jesus
- The Followers of Jesus
- The Apostle Paul
- Hebrews and General Epistles
- Revelation and Review



Language Arts

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

Students learn the importance of English structure with seventh grade language arts! Outlining the mechanics and nature of English, this informative course includes step-by-step lessons that help explain topics such as sentence structure. Integrated throughout lessons, English elements of spelling, reading, vocabulary, composition, and speaking are also included.

Furthering students' understandings of literature and composition, additional lesson topics include handwriting skills, word usage, language structure, story telling, and biographies. The novel, nonfiction literature, composition, and spoken language are also discussed in detail. Full color, illustrated lessons engage learners and topics are reinforced through activities and exercises. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- Word Usage
- More Word Usage
- Biographies
- Language Structure
- Nature of English
- Mechanics of English
- The Novel
- Literature
- Compositions
- Looking Back



Math

Course Length: 2 Semesters

**Available in: IGN, LIFEPAAC
and Horizons**

Introduce students to pre-algebra! In 7th grade math, students build solid foundations for high school math by studying topics such as basic pre-algebra concepts. Lessons in this online academy course include exercises with whole numbers, shapes, rational numbers, sets and numbers, fractions, and formulas and ratios.

Making pre-algebra easy to approach, this online academy math course includes step-by-step explanations, helpful illustrations, and activities to grow comprehension. Additional lesson topics include equations, statistics, graphs, rational numbers, and applications. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

Ignitia and LIFEPAAC

- Integers
- Fractions
- Decimals
- Patterns and Equations
- Ratios and Proportions
- Probability and Graphing
- Data Analysis
- Geometry
- Measurement and Area
- Surface Area and Volume

Horizons

- Number Theory
- Integers
- Addition & Subtraction
- Multiplication
- Division
- Geometry
- Fractions
- Decimals
- Ratio & Proportion
- Measurement
- Graphs
- Percent
- Applications
- Probability & Statistics
- Algebra
- Trigonometry



Science

Course Length: 2 Semesters

Available in: IGN and LIFEPAK

Reach for the stars! In seventh grade science, students focus on learning about the earth in space, planets, the solar system, and the tools of astronomy. Fun, colorful lessons explore this history of stargazing, the atmosphere layers, climates, and the forces of weather. This Bible-based course integrates hands-on experiment activities with lessons to emphasize science concepts.

Students learn about general science fundamentals with topics such as an in-depth examination of the human anatomy. Students review cell structure, body systems, science careers, and measuring with the metric system. Step-by-step lessons and interactive activities make learning science exciting and engage minds in subject matter. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- What Is Science?
- Perceiving Things
- Earth in Space I
- Earth in Space II
- The Atmosphere
- Weather
- Climate
- Human Anatomy I
- Human Anatomy II
- Careers in Science



History and Geography

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

In seventh grade history and geography, students review the definition of history and geography, along with taking a look at U.S. history and geography. Bright, full-color lessons include various question formats, hands-on exercises, and map activities to help build understanding.

Examining aspects of society, this course delves into anthropology, economics, political science, with a focus on state economics and politics. Understanding cultural diversity and sociology is the main focus of this course for middle school students. Lesson vocabulary words and objectives improve knowledge and clearly outline important facts and dates. Course units contain quizzes and tests to evaluate progress and student mastery. Projects included.

Overview:

- What Is History?
- What Is Geography?
- U.S. History and Geography
- Anthropology
- Sociology
- U.S. Anthropology
- Economics
- Political Science
- State Economics and Politics
- Social Science Review



Bible

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

Seventh grade Bible continues to build students' knowledge of Christian living and the life of Christ. Study topics include the nature of worship, mankind and the fall of man, and God's attributes of mercy, grace, and love. Encouraging lessons are filled with color, learning activities, Bible verse memorization, and important vocabulary words.

Utilizing the King James Version, this Bible course covers additional subjects such as fulfilled prophecies of Christ, new life in Christ, the Psalms, and the life of Christ. In-depth lessons take a look at the early life of Christ, His ministry in Galilee, Jesus' sufferings and crucifixion, and Jesus' resurrection and ascension. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- Worship
- Mankind
- The Attributes of God
- Fulfilled Prophecies of Christ
- New Life in Christ
- The Psalms
- The Life of Christ: Part 1
- The Life of Christ: Part 2
- The Life of Christ: Part 3
- In Summary



Language Arts

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

Improve students' speaking and writing skills with eighth grade language arts. In this course, students are presented with integrated English instruction that interweaves the elements of sentence structure, spelling, reading, vocabulary, composition, and speaking. Strengthening communication and promoting correct language usage is the main focus of this course.

Lesson topics include handwriting practice, etymology, grammar, dictionary and thesaurus skills, and written and oral language. Full-color illustrations and hands-on exercises motivate students to learn and help cement concepts being taught. A perfect review course before high school, this course covers lessons on literature, critical thinking, listening, parts of speech, and punctuation. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- Communication
- Development and Usage of English
- Punctuations and Literature
- Words and How to Use Them
- Correct Language Usage
- Language and Literature
- Critical Reading and Paragraph Skills
- Writing, Listening, and Reading
- The English Language
- Review



Math

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

Equip students for algebra! In eighth grade math, students continue their preparation for success in high school math by reviewing pre-algebra and pre-geometry basics. Fundamental principles reviewed include whole numbers, factors, rational numbers, and an in-depth look at fractions, including rounding, percents, and mixed fractions.

Students get a solid foundation for algebra by mastering topics such as sets, bases, decimals, statistics, probability, square roots, and algebraic equations. Formulas and geometric shape measurements are also practiced. Critical thinking activities, various problem exercises, and clear directions help make learning math easier. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- The Real Number System
- Modeling Problems in Integers
- Modeling Problems with Rational Numbers
- Proportional Reasoning
- More with Functions
- Measurement
- Plane Geometry
- Measures of Solid Figures
- Data Analysis
- Probability



Science

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

Equip students for high school science! In eighth grade science, students focus on improving understanding of general science principles.

Lessons review and refresh material such as geology, body health, and astronomy.

This course integrates hands-on experiment activities with lessons to emphasize science concepts.

Building students' knowledge of scientific subjects, topics of study also include the structure of matter, atomics, nuclear energy, volume and mass, density, and oceanography. A section also examines science's influence on the future through technology, industry, and ecology. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- Science and Society
- Structure of Matter I
- Structure of Matter II
- Health and Nutrition
- Energy I
- Energy II
- Machines I
- Machines II
- Balance in Nature
- Science and Technology



History and Geography

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

In eighth grade history and geography, students learn about United States history. Fun, colorful lessons explore the European influences in the development of the New World, the colonization of America, and the American Revolution. Illustrations, activities, and writing exercises are included to build comprehension and ensure concept retention.

Additional lessons review significant points in U.S. history such as America's emergence as a free nation, the Westward Expansion, the Civil War, and the Industrial Age. The United States' role as a world power in the twentieth century and their position in the changing world of today is also examined. Course units contain quizzes and tests to evaluate progress and student mastery. Projects included.

Overview:

- Europe Comes to America
- British America
- The American Revolution
- A Firm Foundation
- A Growing Nation
- The Civil War
- Gilded Age to Progressive Era
- A World in Conflict
- Cold War America
- Recent America and Review



Bible

Course Length: 2 Semesters

Available in: IGN and LIFEPAAC

In eighth grade Bible, students will continue their study of practical Christianity and church history. Utilizing the King James Version, this Bible course covers the establishment of the church and the purpose of worship. Scripture memorization, colorful illustrations, and practical exercises are included through lessons to build comprehension and engage students in learning.

This Bible course includes helpful topics such as prayer, sin and salvation, God's love and justice, Proverbs, God's will and attributes, and the role of parents and children. Early church leaders, the history of the church in the Roman Empire, the importance of the Jews, the Jerusalem church, and early churches at Antioch and the New Testament churches are also discussed. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- Prayer
- Sin and Salvation
- Attributes of God
- Early Church Leaders
- Early Church History
- The Early Churches
- The Book of Proverbs
- Today's Problems
- Understanding Parents
- Walking with God



Career Explorations I (grades 7-8)

Course Length: 1 Semester

Available in: IGN

Discover where your career interests, strengths, and abilities lie before high school! Career Explorations I gives 7th and 8th grade students an inside look at jobs in health, hospitality, tourism, human services, and consumer services. During the semester, students learn about specific work-related tasks that are involved in each of these career paths as they study the importance of work and how it helps us.

Ultimately, Career Explorations I gives middle school students a taste of several career paths and prepares them to choose high school Career and Technical Education (CTE) courses that dive deeper into their field of interest.

Overview:

- Health
- Hospitality
- Tourism
- Human Services
- Consumer Services



Career Explorations II (grades 7-8)

Course Length: 1 Semester

Available in: IGN

Discover technology-laden career fields with Career Explorations II. This online elective helps middle school students choose high school Career and Technical Education (CTE) courses that dive deeper into their professional interests, strengths, and abilities. Throughout the semester, 7th and 8th grade students receive an inside look at jobs involving computers, computer support, agriculture, natural resources, and STEM.

Career Explorations II also give students a taste of what Ignitia's high school computer courses offer. It is an ideal class for students who want to explore the possibility of a technology-based profession, as well as those who know that a career in technology is the path they plan to pursue.

Additional Details: Career Explorations I is not a prerequisite for Career Explorations II.

Overview:

- Computers
- Computer Support
- Agriculture
- Natural Resources
- STEM



Health Quest

Course Length: 1 Semester

Available in: IGN and LIFEPAAC

Equip students for healthy living! Health quest is a health and wellness elective designed for upper elementary students. One semester in length, health quest helps teach the importance of personal hygiene and fitness methods, as well as personal and ecological stewardship. Colorful, step-by-step lessons include illustrations, exercise techniques, and activities to engage students and build comprehension.

Lessons include topics such as body framework and systems, mental and social health, nutrients and metabolism, physical fitness, good eating habits, emergency care, diseases and prevention. A section helps students understand the use and misuse of drugs, alcoholism, and smoking. This course offers practical preparation for high school health education and promotes life long healthy practices. Course units contain quizzes and tests to evaluate progress and student mastery.

Overview:

- Your Body
- Health
- Nutrition and Fitness
- Health Maintenance
- Stewardship



Keyboarding and Applications

Course Length: 1 Semester

Available in: IGN

This semester-long, online elective for 7th and 8th grade students equips distance learners with fundamental computer skills. Throughout the course, students practice proper keyboarding technique and communication skills as they study various computer operating systems and learn to use word processing programs and presentation software.

Students who wish to enroll in Keyboarding and Applications must have a word processor and presentation software available. Alpha Omega Academy recommends Apache OpenOffice, which is available for free via a download. 6th grade students who receive prior approval from administration may enroll in Keyboarding and Applications.

Overview:

- Keyboarding Technique
- Word Processing
- Presentation Software
- Operating Systems
- Communication Skills



Principles of Coding

Course Length: 1 Semester

Available in: IGN

Discover the fundamental concepts of computer programming with this semester-long career course for students in grades 7 and 8. Throughout the semester, students learn how particular programming concepts work and put them into practice using a platform called Scratch.

This hands-on course requires a lot of critical thinking as students design, write, and troubleshoot computer programs. By the end of the semester, students gain the skills they need to write programs in Scratch that show a presentation, run a simple video game, run a simulation, and design graphics.

Overview:

- Computational Thinking
- Computer Practice and Programming
- Data and Information
- Connecting Math and Computer Science
- Mobile Technology and Society
- Course Review and Final Exam

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