

IGNITIA COURSES

3rd GRADE

Bible

- Bible 3

- Introduce your students to the wonder of God's universe with this interactive Bible course that focuses on the life of Jesus, living for God through obedience, praise, and worship, understanding God's word, and God's love for his children. This web-based course includes interesting text-based lessons, inspiring Bible verses (KJV), assessments, and interactive media to keep even the littlest learners engaged. This course helps build a foundation for practical Christian living for a lifetime. Flexible and intuitive, this online course is especially easy to navigate for young students under the guidance of a teacher or facilitator. Through Bible stories, verse memorization, and writing activities, important Christian concepts are reinforced. Fun, colorful, and interactive activities are woven through the course to help explain biblical teachings. Students will discover the books and writers of the Bible, explore the promises God made to His people, and learn about loving one another. Like all Ignitia courses, 3rd Grade Bible is available completely online and accessible to students and their parents any time. Built-in teaching tools help with instruction, organization, and data management for busy teachers. Give your students the Bible instruction they need to life a Christ-centered life with Ignitia Bible curriculum.

Throughout the course, students will explore the following topics:

- 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

English

- English 3

- Build a firm communication foundation for 3rd grades students with Ignitia's comprehensive, online language arts course. Flexible and interactive, this course was designed to develop literacy skills by building on the basics of spelling, vocabulary, reading, writing, and sentence construction through the use of colorful lessons, interactive multimedia materials, and hands on practice. Integrated Bible verses help students help students understand God's plan and incorporate it into their daily lives. This Internet-based course integrates text-based lessons, assessments, and interactive media to help students retain content and keep learning fun. At the same time, it supports digital literacy and critical thinking. With fables, short stories, and biographies, students will explore a variety of literature forms and try their hand at writing with different purposes. Infused with biblical references and verses, lessons encourage students to evaluate and communicate from a Christ-centered perspective. Created for young online learners, it is especially easy to navigate, and like all Ignitia courses, Ignitia 3rd Grade Language Arts is always available online to facilitate parent interaction. Built-in teaching tools help with instruction, organization, and data management for busy teachers.

Throughout the course, students will explore the following topics:

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

History and Geography

- History and Geography 3

- Ignitia's interactive history and geography course for 3rd grade students sends them across the country as they investigate different types of communities in America. Not only will students learn about different ways of life, but they will also explore how God's activity can be seen in the record of man throughout history. This web-based course includes interesting text-based lessons, inspiring Bible verses (KJV), assessments, and interactive media to help students retain content and keep learning fun.

Flexible and intuitive, this Bible-based online course is especially easy to navigate for young students under the guidance of a teacher or facilitator. Throughout the course, students will study the environments, history, and activities of people who rely on different industries for their livelihood. Interactive learning activities, timelines, and maps help students understand the development of these industries while exploring how God works through His people over the course of history. Like all Ignitia courses, Ignitia 3rd Grade History and Geography is always available online and helps students develop digital literacy skills. Built-in administrative tools help with instruction, organization, and data management for busy teachers. Help your students explore the history and geography of America with Ignitia.

Throughout the course, students will explore the following topics:

- Fishing in Maine
- Farming in Kansas
- Fruit-growing in Washington
- Forests in Oregon
- California: A Golden Land
- Cattle in Texas
- Coal Mining in Pennsylvania
- Manufacturing in Michigan
- Space Travel in Florida
- Review of Nine States

Mathematics

- **Mathematics 3**

- With a focus on building strong math foundations, this Bible-based course is an engaging study of numbers that solves problems for 3rd grade Christian school students with text-based lessons and multimedia tools. Using a variety of question formats, students begin with simple arithmetic but progress through more complex concepts including fractions, decimals, graphing, and telling time. Learning games, step-by-step instructions, and illustrated solutions simplify complicated problems while engaging learners.

Internet-based, this course not only challenges students, but it also helps them to develop digital literacy and critical thinking skills with self-directed lessons that are best facilitated by a teacher. Because every lesson is infused with biblical content and verses (KJV), students learn to look at the world of numbers from a Christian perspective and consider Christian principles in making critical choices. Created for young online learners, it is especially easy to navigate, and like all Ignitia courses, Ignitia 3rd Grade Math is always available online to facilitate parent interaction. Built-in teaching tools help with instruction, organization, and data management for busy teachers.

Throughout the course, students will explore the following topics:

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

Science

- **Science 3**

- Third graders explore the amazing world God created as they log in this interactive science course designed with flexibility in mind. With a focus on observation and analysis, students learn about the blue planet through exciting multimedia elements, interesting text-based lessons, and learning games. Lessons include Bible verses and inspiration to encourage students to see the physical world from a Christian perspective and see God's hand in the creation of the diversity of life, the human body, and the changing of the seasons. An intuitive online interface makes this science course easy to navigate for young learners.

This course includes both online and off-computer exercises to enrich learning. Exciting experiments help students to understand challenging scientific concepts while fostering keen observational skills and scientific inquiry. Students will study the systems of the human body, the life of plants, the world of animals, matter, energy, and sound as they progress at their own pace through the course. Ignitia 3rd Grade Science encourages a lifetime of scientific curiosity and critical thinking from a Christ-centered worldview. Teachers love the streamlined instructional, organizational, scheduling, and reporting tools.

Throughout the course, students will explore the following topics:

- 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

IGNITIA COURSES

4th GRADE

Bible

- Bible 4

- Teach your students how to find inspiration through the teachings of Jesus in this online Bible course. With discipleship as its focus, the course explores God's Word through text-based lessons, multimedia elements, and Bible verses (KJV). Colorful and interactive, the course covers Scripture from the Old and New Testaments, encourages reading the Bible, and living a life based on God's Word. Online tools give teachers more options for individualizing the learning experience for each student.

Ignitia's online Bible curriculum for 4th graders was designed to be user friendly by accommodating students still learning computer skills. Throughout the course, they will study important biblical figures who accepted God's will for their lives and became disciples, living by the laws of the Creator. Practical lessons help them understand the connection between biblical content and living a Christ-centered life such as the importance of obeying parents, telling the truth, showing kindness to others, and walking in the spirit. Technology-based, the course also helps students prepare for the future by supporting digital literacy.

Throughout the course, students will explore the following topics:

- 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
- Witnessing for Jesus
- Who Am I?
- God's Way Is Perfect

English

- English 4

- This integrated language arts course incorporates spelling, reading, writing, grammar, and literature in one Bible-based, technology-driven course. Students continue exploring the use of words for written and spoken communication while investigating a variety of literary genres including poetry, essays, fiction and non-fiction. This comprehensive course also includes content geared toward practical Christian living and evaluating the world of language from a Christian worldview.

With lessons that focus on reading fluency and comprehension, the effective use of punctuation, report organization and writing, creative expression through writing, and much more, this course provides a motivating learning environment where students can practice digital literacy skills while improving their use of the language. A built-in calendar and student/teacher communication tools within the curriculum help students to stay organized and become more responsible for their own learning. Administrative tools simplify the tasks of teachers to encourage more face-to-face instructional guidance.

Throughout the course, students will explore the following topics:

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

History and Geography

- History and Geography 4

- Take your students on a learning adventure around the world with this online geography course that helps them map a route to academic success and digital literacy. Christian school students will love this media-rich course that allows them to visit a variety of ecosystems across the globe through exciting lessons, audio and video clips, interactive games, and fun activities. Like all Ignitia courses, this world geography course explores God's world from a Biblical perspective, encouraging students to recognize and appreciate the wonders of the natural world.

Fully Internet-based, this course is conveniently accessible to students and teachers online anytime, encouraging parental involvement in learning. Lessons focus on diversity of cultures, plants, and animals from all over the world. From Kenya to Hong Kong, and Nepal to the Andes, interactive maps and hands-on exercises make learning fun and support retention of key concepts. Integrated digital tools help teachers streamline administrative functions enabling more one-on-one teaching time with students. Built-in flexibility allows teachers to customize courses to best suit their students' learning styles.

Throughout the course, students will explore the following topics:

- Our Earth
- Seaport Cities
- Desert Lands
- Grasslands
- Tropical Rainforests
- The Polar Regions
- Mountain Regions
- Island Countries
- North America

Mathematics

- **Mathematics 4**

- With a focus on building strong math foundations, this Bible-based course is an engaging study of numbers that solves problems for 3rd grade. Developed to ensure that 4th grade students build a firm foundation in basic math skills, this course reinforces the fundamentals while students use interactive tools to learn about whole numbers and fractions, multiplication and division, fractions and decimals, and shapes and measurements. Through the use of challenging lessons and interactive practice, Ignitia 4th Grade Math helps students develop critical thinking and problem solving skills, while exploring the world of numbers from a biblical perspective.

Interactivity makes a difference when it comes to understanding complex math skills. Ignitia 4th Grade Math students have access to innovative, multimedia exercises that provide the practice to prepare them for assessment. Broad in scope, lessons put the fun back into math fundamentals, encouraging a lifetime love of this important core subject. Teachers can customize the pacing and content of the curriculum to be sure every student learns in a way that best suits his learning style. Administrative tools like assignment screens and built-in messaging encourage effective communication and support 21st century learning.

Throughout the course, students will explore the following topics:

- Number Sense and Place Value
- Multiplying and Whole Numbers
- Sequencing, Rounding, and Estimating
- Lines and Shapes
- Division and Measurement
- Division, Fractions, and Factors
- Multiplication and Fractions
- Whole Numbers and Fractions
- Decimals and Fractions
- Estimation, Charts, and Graphs

Science

- **Science 4**

- Ignitia science for 4th grade Christian school students sparks scientific inquiry and encourages critical thinking that will take today's learners into the future. Students explore matter as they travel through space exploring not only the earth, but the sun, moon, and the planets. Exciting lessons cover the ecology of the earth and how weather and other scientific forces affect life on our planet. Infused with biblical content and Bible verses (KJV), students examine God's work in the world around them and engage in learning from a Christ-centered point of view.

Internet-based and comprehensive, this course is challenging and interactive, providing tools within the curriculum to support self-directed learning with the guidance of a teacher. Learning games, multimedia elements, regular assessments, and engaging lessons are built within a learning management system that supports digital literacy and gives teachers the technology tools they need to streamline administrative tasks for more direct interaction with students. Like all Ignitia courses, lessons are delivered from a biblical perspective to help train students to view the natural world around them based on the Word of God.

Throughout the course, students will explore the following topics:

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

IGNITIA COURSES

5th GRADE

Bible

- Bible 5

- Help your students develop a lifelong relationship with the Father through His Word and this engaging online Ignitia Bible course. Developed exclusively for Christian schools, interactive, media-infused lessons present the concepts of God's presence in our lives, the existence of angels, the Bible as a book of prophecy and poetry, and God's work shown through service to others. Internet-based, this curriculum is available anytime, allowing students to share their learning experiences with their families. The course contains administrative and assessment tools to streamline teaching functions to help busy teachers focus on instruction.

Engaging and interactive, Ignitia 5th Grade Bible was designed to encourage the use of the Bible as a guidebook for daily life. Students learn about Abraham, the apostle Paul, and other servants of God, in addition to the importance of service to God in their daily lives. They will explore biblical principles of the law, fundamental biblical truths, biblical structure, and applying God's Word practically as they learn and grow. Media-rich lessons and interactive elements enrich the learning process and spark the passion of learning for Christian school students.

Throughout the course, students will explore the following topics:

- 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 the Living God

English

- English 5

- Give your students the inspiration they need to discover the beauty of language with Ignitia 5th Grade Language Arts. Created specifically for Christian schools, this online course focuses on the story as a literary form, exploring main ideas, story elements, correct word usage, and symbolism. Spelling, grammar, vocabulary, reading, and composition are all integrated into this interactive course that not only reinforces key language arts concepts, but encourages learning from a biblical perspective.

As part of a comprehensive learning management system, this course is convenient and flexible, allowing teachers to customize courses for specific students, classes, or purposes to meet diverse learning needs. Automatic grading, lesson planning, and internal messaging included in the application save time for busy teachers. Text-based lessons, audio and video clips, and integrated learning games allow students to practice digital literacy, build language skills, and increase their understanding of God's presence in their lives. Ignitia 5th Grade Language Arts enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

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

History and Geography

- History and Geography 5

- Travel through time with your students as they explore the changing face of America beginning with early exploration, through colonization and the Civil War, and into the current millennium. As part of this online curriculum, students will also learn about the nation's closest continental and island neighbors. As a part of a complete learning management system, Ignitia 5th Grade History and Geography is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

This history and geography course was designed to be academically rigorous, promote digital literacy, and help students to understand the history and development of the Western Hemisphere, including the United States, from a Christ-centered point of view. The course units include text-based lessons, on and off computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia 5th Grade History and Geography enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- A New World
- The Colonies
- A New Nation
- A Nation Divided
- A Changing Nation
- Transportation and Communication
- States and Regions
- Mexico and Central America
- Neighbors to the North
- Today's America

Mathematics

- **Mathematics 5**

- Ignitia 5th Grade Math is an online math curriculum that builds on basic math skills with an introduction to concepts in algebraic expressions and equations, factors and fractions, geometry, measurement comparisons, and data analysis. Interactive lessons are packed with multimedia features that aid in memorization and retention of math rules and concepts. As a part of its complete learning program, Ignitia 5th Grade Math includes quizzes and tests for student evaluation and streamlines daily instruction and administrative tasks for teachers.

This one-year course is academically rigorous and promotes digital literacy. Guided by their teacher, students expand on foundational math, become familiar with new concepts, and improve problem-solving and critical thinking skills based on a Christ-centered point of view. The course units include text-based lessons, on and off computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers evaluate progress and mastery of the materials. Ignitia 5th Grade Math enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students explore the following topics:

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

Science

- **Science 5**

- From the smallest living plant and animal cells to simple life forms and complex organisms, this course guides 5th graders to explore the structure of cells and their functions as the building blocks of life. Students also investigate life cycles and the fine balance necessary for the healthy ecosystems. As a part of a complete learning management system, Ignitia 5th Grade Science is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

This science course was designed to be academically rigorous, promote digital literacy, and give students a biblical science perspective. Guided by their teacher, students will look at God's creation and how all living things rely on each other in His miraculous plan for our earth. They will also study fossil records from a Christ-centered point of view. The course units include text-based lessons, on and off computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia 5th Grade Science enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Cells
- Plants: Life Cycles
- Animals: Life Cycles
- Ecosystems: The Web of Life
- Transformational Energy
- Biblical Geology
- Records in Rock: Fossils
- Records in: Geology
- Matter and Natural Cycles

IGNITIA COURSES

6th GRADE

Bible

- Bible 6

- Classical Bible stories come to life for your sixth-grade students in this comprehensive Bible survey course designed to give 6th graders a rich overview of the Bible, beginning with the creation and the Kingdom of Israel, through the life of Christ, culminating with lessons on Revelations. All lessons are geared toward a greater understanding of the Word of God while encouraging practical Christian living. As a part of a complete learning management system, Ignitia 6th Grade Bible is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

his course spans generations with topics including God's grand design, 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 contributions of Paul and the apostles, and culminates with Revelations. The course unites includes text-based lessons, on and off computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia 6th Grade Science enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Creation to Moses
- Joshua to Samuel
- The Kingdom of Israel
- The Divided Kingdom
- Exile and Restoration
- The Life of Jesus
- The Followers of Jesus
- The Apostle Paul
- Hebrews and General Epistles
- Revelations

English

- English 6

- Ignitia 6th Grade Language Arts communicates the importance of proper language use and the value of reading with technology based lessons built to enrich the learning experience for your students. Throughout the course, students will be introduced to a number of literary forms including fiction and non-fiction, news and propaganda, poetry and advertising. Reading, grammar, vocabulary, and literature are integrated to round out the subject matter, meeting the rigorous requirements expected by students and their parents. As a part of a complete learning management system, Ignitia 6th Grade Language Arts is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Literacy has a new meaning in the digital age. As important as learning the language, students must be able to communicate digitally through the use of technological devices. In this course, students are exposed to lessons delivered by electronic means, use the computer and the Internet (optional) to complete course requirements, and examine the media and its presence in God's universe. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia 6th Grade Language Arts enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- The Sentence and Parts of Speech
- Capitalization and Punctuation
- Reading and Analysis
- Developing Writing Skills
- Writing for a Purpose
- Fiction vs. Nonfiction
- Better Reading for a Purpose
- Literary Devices and Poetry
- The Bible as Literature
- Language and Literary Form

History and Geography

- History and Geography 6

- You provide the students. Ignitia provides the map for learning. This course is a comprehensive overview of world geography, continents and world development in which students visit and learn about culturally diverse countries as they investigate the mysteries of their histories. Through a look at the land and the people who live there, students are introduced not only to modern day culture, but are able to trace its origin to the events and movements that molded it.

As a part of a complete learning management system, Ignitia 6th Grade Language Arts is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

As students learn more about people, places, and cultures outside of the United States, they will also study the land and its geography with emphasis on latitude and longitude, the hemispheres, and regional differences and similarities. Biblical materials infused throughout coursework help students to discuss and evaluate theories, practices and events from a Christian perspective. The course unites includes text-based lessons, on and off computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials.

Throughout the course, students will explore the following topics:

- World Geography
- The Cradle of Civilization

- Greece and Rome
- The Middle Ages
- The Renaissance and World Wars
- The Byzantine Empire and Europe
- Africa
- South American Countries
- The Development of Our World

Mathematics

- **Mathematics 6**

From whole numbers to fractions, Ignitia 6th Grade Math reviews arithmetic basics, then builds on that knowledge to prepare students for pre-algebra. Available online 24/7, this technology-rich course ensures comprehension with computer-based practice exercises, assessment tools that provide instant feedback, and data reporting tools to enable teachers to spot trouble quickly and easily. Study topics include number theory, factors, exponents, graphs, and probability.

When it comes to teaching math to 6th graders, Ignitia from Alpha Omega Publications has you covered. From math facts to complex concepts, this dynamic, media-filled course reviews the math topics of whole numbers, decimals, fractions, and geometry. In-depth lessons include statistics and metrics. Interactive exercises and games allow students time to practice and develop mastery. Appealing graphics, animation, and video clips help explain complicated numerical operations, factoring, graphing, and converting fractions.

Ignitia 6th Grade Math offers a fun, easy-to-follow online learning environment created for today's tech-savvy students. Students can access lessons from an Internet-connected computer any time and can use handy tools like text-to-speech and learning games. Lessons can also be printed. Christian school teachers enjoy automatic grading, lesson planning, and report generating with the click of a mouse. Rigorous and robust, this internet-driven course not only builds strong foundations in math, but builds computer skills and digital proficiency. Give your Christian school students Ignitia 6th Grade Math today!

Science

- **Science 6**

- Sixth grade students examine the human body, are introduced to chemistry, and explore space and the physical atmosphere as they progress through on and off-computer lessons and experiments in this engaging course. This course sparks passion for science with lessons that incorporate biblical concepts and Bible verses into the curriculum, helping them to understand God's relationship to the world in which we live. As a part of a complete learning management system, Ignitia 6th Grade Science is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

This science course was designed to be academically rigorous, promote digital literacy, and give students a biblical science perspective. Guided by their teacher, students will look at the world around them and examine the systems of the body, molecular genetics of animals and plants, chemical structure, and light and sound, and motion measurement. The course units include text-based lessons, on and off computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia 6th Grade Science enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Plants
- Systems of the Human Body
- The Nervous System and Plant
- Behavior
- Reproduction and Genetics
- Chemistry
- The Atmosphere
- Motion
- Earth and Space
- Astronomy and Constellations

IGNITIA COURSES

7th GRADE

Bible

- Bible 7

- This Ignitia Bible course emphasizes the Life of Christ as told by the writers of the New Testament. As students acquire a better working knowledge of the Bible's teachings, they will also explore practical Christianity today, as it applies in their lives each day, through discussions of worship, the mission of mankind, and God's enduring love for his people as shown through His love, mercy, and grace. As a part of a complete learning management system, Ignitia 7th Grade Bible is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

With the King James Version as the primary reference, this course asks students to get to know Christ on a deeper level through the study of His life, ministry, death, and resurrection. Additional topics covered include the prophecies foretold and fulfilled, the book of Psalms, life in the Spirit, and God's enduring plan for His people. The course units includes text-based lessons, on and off computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia 7th Grade Bible enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Worship
- Mankind
- The Attributes of God
- Fulfilled Prophecies of Christ
- New Life in Christ
- The Psalms
- The Life of Christ I
- The Life of Christ II
- The Life of Christ III

English

- English 7

- This fully online course for 7th graders helps them build more than perfect sentences, but also a love for the English language. With a focus on the mechanics of composition and the most effective use of different parts of speech, this course not only teaches students to be better communicators, but reinforces the building blocks of English with spelling, reading, and vocabulary instruction. As a part of a complete learning management system, Ignitia 7th Grade Language Arts is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Help your students write their own bright future with this exciting language arts course. While they build on early writing skills, they will continue to explore word choices, sentence structure, and finally the creation of full compositions. In addition, they will practice their reading skills and comprehension as they explore fiction, non-fiction, and other literary genres through reading and analysis. Course content is not only rigorous, but engaging and self-directed to help students develop their critical thinking skills and promote digital literacy. The course units include text-based lessons, on and off computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia 7th Grade Language Arts enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Word Usage
- More Word Usage
- Biographies
- Language Structure
- Nature of English
- Mechanics of English
- The Novel
- Literature
- Composition

History and Geography

- History and Geography 7

- This course is broad in scope, providing middle school students with a comprehensive overview of the social sciences including history and geography. Students begin the course by defining history and geography and their relationship to humanity over the ages. Students will also examine the many social science disciplines including social behavior, markets and competition, politics, economics, and anthropology. As a part of a complete learning management system, Ignitia 7th Grade History and Geography is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Fun and engaging, this class is delivered entirely online, allowing students to work both in and out of the classroom at a pace that best suited for their individual learning styles. Through an examination of society from a Christian point of view, they will learn about the way humanity has been shaped by the world around them and the events of the past. Critical thinking skills and digital literacy are also emphasized. The course units include text-based lessons, on and off computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia 7th Grade History and Geography enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- History Defined
- Geography Defined
- U.S. History and Geography
- Anthropology
- Sociology
- U.S. Anthropology
- Economics

- Political Science
- State Economics and Politics

Mathematics

- **Mathematics 7**

- Solve the equation for junior high math with this comprehensive Ignitia math course. Interactive and rigorous, it reinforces the fundamentals and introduces students to higher level pre-algebra and pre-geometry concepts. The course begins with a review of sets and different number systems, decimals, rounding, functions, and basic math operations. As students progress through the course, they will study fractions and word problems, basic shapes and geometry, mode, median, mean, and statistics, and begin solving for variables. As a part of a complete learning management system, Ignitia 7th Grade Math is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Ignitia 7th grade math is designed not only to review important fundamental math concepts, but to encourage critical thinking skills and promote math inquiry with self-directed lessons and exercises. After reviewing crucial math foundations, students will explore real-world problems that can be solved by math calculations. Math skills such as using a calculator, geometric measurement and formulas, statistics, and other analytical tools will help them prepare for their future. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia 7th Grade Math enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Sets and Number Systems
- Addition, Subtraction, and Decimals
- Patterns, Rounding, and Estimation
- Multiplication, Division, and
- Calculators
- Ratios and Proportions
- Fractions, Decimals, and Percentages
- Shapes, Measurements, and Proportions
- Statistics
- Formulas

Science

- **Science 7**

- A proven method for studying science from a Christian perspective, this course gives students an overview of many facets of science, from an introduction to science, to an in-depth look at a number of different disciplines including the earth in space, the planets, astronomy, the weather and climate, the human body, and careers in science. Most lessons are delivered online, while off-computer experiments give students opportunities for hands-on learning and observation. As a part of a complete learning management system, Ignitia 7th Grade Science is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Ignitia general science gives students a broad scientific look at the world through the eyes of biblical doctrine. From the cells and systems of the human body, to the mysteries of space, to the study of the earth and its atmosphere, all lessons encourage critical thinking from a Christian perspective while supporting a lifelong interest in the natural world. The course units include text-based lessons, on and off computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia 7th Grade Science enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- What Is Science?
- Measurements and Graphs
- Earth in Space I
- Earth in Space II
- The Atmosphere
- Weather
- Climate
- Human Anatomy I
- Human Anatomy II
- Careers in Science

IGNITIA COURSES

8th GRADE

Bible

- Bible 8

- In this inspirational course, students will continue their study of practical Christianity and church history. Guided by the King James Version, this course explores the establishment of the church, the nature of God, and the concept of salvation. Throughout the course, students will be encouraged to expand their understanding of prayer and its purpose in their lives. With helpful instruction on God's will, the roles of parents and children, and Proverbs, this course is a great way to keep teenagers on a spiritual course. As a part of a complete learning management system, Ignitia Practical Christianity and Church History is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

With the King James Version as the primary reference, students will trace the history of their faith through the study of early church leaders, the history of the church in the Roman Empire, the importance of the Jews, the Jerusalem church, and the church today. This course also asks students to observe their own behavior and make important personal choices based on biblical thought and prayer. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Practical Christianity and Church History enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Prayer
- Sin and Salvation
- The Attributes of God
- Early Christian Leaders
- Early Church History
- The Early Churches
- The Book of Proverbs
- Personal Choices in Today's World
- Understanding Parents
- Walking with God

English

- English 8

- A perfect review of language arts concepts before high school, this comprehensive language arts course covers the origin of the English language, effective communication skills, words, sentences, paragraphs, and compositions. A focus on grammar rules and reading skills helps students to prepare themselves for the rigor of secondary instruction. Online exercises help students improve comprehension with interactive lessons that improve retention. As a part of a complete learning management system, Ignitia 8th Grade Language Arts is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Throughout this online language arts course, students will focus on strengthening the oral and written communications skills and their listening and comprehension. In addition to lessons on the parts of speech, grammar, and proper language usage, students will read from a number of literary genres and write book reports that encourage analysis of writing and its many purposes. Biblical references will help students to understand communication from a Christ-centered perspective. The course units include text-based lessons, on and off computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia 8th Grade Language Arts enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Communication Basics
- Evolution of English
- Punctuation and Essays
- Understanding Words
- Composition and Biblical Standards
- Old and Middle English and
- Autobiography
- Structure and Reading
- Evaluating Media and Listening
- A Living Language

History and Geography

- History and Geography 8

- In this course, students will explore the history of the United States from its early explorers to the present time. From the colonization and the quest for independence, to the Civil War, the Cold War, and the challenges America faces today as a global power, students explore the growth and challenges faced by this young nation. As a part of a complete learning management system, Ignitia 8th Grade History and Geography is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Lessons in this interactive course begin with a look at Spain's exploration and trading expeditions across the sea, the discovery of the New World, the colonial politics of the British, and the establishment of the colonies. Discussions examine major milestones and stumbling blocks including the quest for independence and westward expansion. Course materials give students a sweeping perspective based on historical facts and political movements that transformed the United States from a group of colonies into the 50 United States of America.

The course units include text-based lessons, on and off computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia 8th Grade History and Geography enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- European Backgrounds
- The Colonization of America
- War for Independence
- Emergence of a Nation
- Westward Movement
- The Civil War
- The Industrial Nation
- Twentieth Century World Power
- The United States in a Changing World

• World Geography

- The perfect map for learning about world geography, this Ignitia course sends students off on a journey of discovery. Through the use of interactive lessons and geographic tools like maps, graphs, and charts, students will travel to every continent to learn about the land and its people.

As a part of a complete learning management system, world geography is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Traveling the globe has never been more interactive. Ignitia World Geography will take students across the U.S. and to the very ends of the earth to learn about the physical geography of each region, its culture and society, and its economics and politics. By looking at the history and implications for the future, students will develop their critical thinking and problem solving skill while getting a comprehensive view of the world in which they live. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia World Geography enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Geography Defined
- Humans and Their Environment
- North America
- Central America, South America, and the Caribbean
- Oceania, Australasia, and Antarctica
- Europe and the Balkans
- Sub-Saharan Africa
- North Africa and Southwest Asia
- Central, South, East, and Southeast Asia

Mathematics

• Pre-Algebra 8

- Math 8 (Pre-algebra) is an introductory algebra course designed to prepare junior-high school students for Algebra I. The course focuses on strengthening needed skills in problem solving, integers, equations, and graphing. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

• Algebra 1

- Throughout this online course, students are guided through the basics of algebra with lessons that focus on functions, linear equations, compound inequalities, exponential expressions, radicals, monomials, trinomials, polynomials, and quadratics. Students are encouraged to use various types of reasoning to formulate and evaluate math problems and solutions. Rooted in fundamentals, this course prepares students for higher-level math concepts. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Algebra I enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Foundations of Algebra
- Variables and Equations
- Functions
- Inequalities
- Linear Systems
- Polynomials
- Exponential and Radical Functions
- Quadratics
- Rational Expressions, Probability, and Statistics

Science

• General Science 8

- Budding scientists will discover many facets of the exciting world of science as they study atoms and molecules, rocks and fossils, nutrition and health, oceanography, and inner and outer space from a Christian worldview in this interactive physical science course. As a part of a complete learning management system, Ignitia 8th Grade Science is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Scientific discovery is within the reach of every student with this online physical science course for 8th graders. Students explore the building blocks of our world and how these small particles interact to create energy and physical mass. Lessons on measurement, observation, and evaluation encourage students to see the world through the eyes of science. Beginning with a study of the earth and fossil evidence, to the exploration of space, the course encourages critical thinking and analysis while fostering biblical beliefs and practical problem solving. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia 8th Grade Science enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Science and Technology
- Structure of Matter
- Properties of Matter
- Health and Nutrition
- Energy and Change
- Energy and Magnetism
- Machines and Work
- Balance in Nature
- Science and Technology Vocations

IGNITIA COURSES

9th GRADE

Bible

- **New Testament Survey (1.0 Credit)**

- With the King James Version as a primary resource, this fully online Bible course examines the 27 books of the New Testament including the Gospels, the apostles, the Epistles, and biblical literature. In addition to the actual Bible study, students will explore some of the most pressing questions of the spirit including the purpose of human suffering, sharing Christ with others, and finding God's direction. As a part of a complete learning management system, Ignitia New Testament Survey is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses and biblical references support the development of a Christian worldview and encourage practical Christian living.

Throughout the course, students will explore the following topics:

- Introduction to the New Testament
- The Gospels
- The Acts of the Apostles
- The Pauline Epistles
- The General Epistle
- The Revelation of Jesus Christ
- Biblical Literature: Job and Suffering
- Sharing Christ
- God's Will for Your Life

Throughout the course, students will explore the following topics:

- Introduction to the New Testament
- The Gospels
- The Acts of the Apostles
- The Pauline Epistles
- The General Epistle
- The Revelation of Jesus Christ
- Biblical Literature: Job and Suffering
- Sharing Christ
- God's Will for Your Life

English

- **English 9 (1.0 Credit)**

- This comprehensive online course emphasizes the importance of word usage, sentence construction, and paragraph structure to communicate effectively. Students enrolled in this course will investigate a number of literary genres including poetry, short stories, and the novel, and will practice their own skills through writing for a variety of purposes and through the study of oral reading and speech. As a part of a complete learning management system, Ignitia English I is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Students enrolled in this course will take a self-directed course that supports powerful written and oral communication skills as well as reading comprehension. With lessons devoted to proper usage of the parts of speech, the fundamentals of writing, and effective communication in a variety of forms, the course helps students to build their skills for higher level communication. Students will also investigate library resources and visual aids. Required reading for this course includes *The Miracle Worker* and *Twenty Thousand Leagues under the Sea*. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia English I enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- The Structure of Language
- The Nature of Language
- Words and Writing
- Language in Literature
- Short Stories
- Reading with Skill
- Effective Communication
- Drama
- The Novel

History and Geography

- **World History (1.0 Credit)**

- This interactive world history course explores history from ancient agricultural societies to today's global community. World history covers a broad spectrum of topics that explore the politics, religions, wars, economics, technology and institutions that shaped the past into the future. As a part of a complete learning management system, world history is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Students in this technology-rich history course will gain a broad perspective on how human society has been affected by and will continue to be influenced by the past as they make their way through time. Lessons examine a diverse mix of topics including the origin of man and ancient civilizations, the Roman Empire, the rise of Christianity, the Middle Ages, the Renaissance, the Mongols, the Industrial Age, and the role of the U.S. throughout history. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia World History enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- The Beginnings of Human Society
- Ancient Civilizations
- The Medieval World
- Renaissance and Reformation
- Growth of World Empires

- The Age of Revolution
- The Industrial Revolution
- World Wars
- The Contemporary World
- Turning Points in Human History

- **World Geography (1.0 Credit)**

- The perfect map for learning about world geography, this Ignitia course sends students off on a journey of discovery. Through the use of interactive lessons and geographic tools like maps, graphs, and charts, students will travel to every continent to learn about the land and its people.

As a part of a complete learning management system, world geography is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Traveling the globe has never been more interactive. Ignitia World Geography will take students across the U.S. and to the very ends of the earth to learn about the physical geography of each region, its culture and society, and its economics and politics. By looking at the history and implications for the future, students will develop their critical thinking and problem solving skill while getting a comprehensive view of the world in which they live. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia World Geography enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Geography Defined
- Humans and Their Environment
- North America
- Central America, South America, and the Caribbean
- Oceania, Australasia, and Antarctica
- Europe and the Balkans
- Sub-Saharan Africa
- North Africa and Southwest Asia
- Central, South, East, and Southeast Asia

Mathematics

- **Algebra 1 (1.0 Credit)**

- Throughout this online course, students are guided through the basics of algebra with lessons that focus on functions, linear equations, compound inequalities, exponential expressions, radicals, monomials, trinomials, polynomials, and quadratics. Students are encouraged to use various types of reasoning to formulate and evaluate math problems and solutions. Rooted in fundamentals, this course prepares students for higher-level math concepts. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Algebra I enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Foundations of Algebra
- Variables and Equations
- Functions
- Inequalities
- Linear Systems
- Polynomials
- Exponential and Radical Functions
- Quadratics
- Rational Expressions, Probability, and Statistics

- **Algebra 2 (Prerequisite: Algebra 1) (1.0 Credit)**

- More exciting than a traditional textbook, this interactive course allows students to work at an individualized pace as they delve into the complexities of higher-level math. Students will learn to combine terms in algebraic expressions and explore compound sentences. Other topics include polynomial functions, data analysis, logarithms, function graphing, joint and combined variation, algorithms, conic sections, and probability. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Algebra II enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Sets, Structure, and Function
- Numbers, Sentences, and Problems
- Linear Equations and Inequalities
- Polynomials
- Algebraic Fractions
- Real and Imaginary Numbers
- Quadratic Relations and Systems
- Exponential Functions
- Counting Principles and Outcomes

- **Geometry (1.0 Credit)**

- This comprehensive course guides students through interactive lessons that cover terminology, postulates and theorems, angles and shapes, and equations for measuring the dimensions and spatial attributes of shapes. As a part of a complete learning management system, geometry is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Students enrolled in this online geometry course are guided by a teacher in lessons that discuss simple points, lines, and ultimately complex shapes. Study includes coordinate geometry and isometry. Students will be encouraged to look beyond the obvious and focus on visualization, spatial reasoning, and problem solving from a Christ-centered perspective. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Geometry enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- The Nature of Geometry
- Logic and Reasoning
- Angles and Parallels
- Triangles and Quadrilaterals
- Similar Polygons
- Circles and Spheres

- Area and Volume
- Coordinate Geometry
- Transformations

- **Integrated Mathematics 1 (1.0 Credit)**

- Let your students learn how math offers real-life solutions to everyday problems with this interactive math course. Lessons will introduce students to a number of math disciplines including algebra, geometry, and statistics. As a part of a complete learning management system, Integrated Math I is a self-directed elective infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Give your students a broad view of the practical implications of math with this interactive course created for Christian high school students. Beginning with an introduction to algebra, the course leads students through the study of variables and expressions, radicals, exponents, geometry, functions, linear and quadratic equations, graphing, probability, and statistics. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Integrated Math I enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Foundations of Algebra
- The Language of Algebra
- Geometry
- Coordinate Geometry
- Linear Systems
- Equations and Inequalities
- Probability and Statistics

Science

- **Biology (1.0 Credit)**

- Interactive and flexible, this course gives students a whole new way to look at God's world and learn about the relationship man has with the environment. From taxonomy and cells to the human body and the ecosystem, students are encouraged to explore all living things and answer biological questions from a Christ-based perspective. As a part of a complete learning management system, biology is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

This course is a scientific method for success, sure to engage your students through the delivery of online lessons and interactive media. A complete study of living things, this biology course includes lessons about plant and animal classification, habitats, the human body, cells and reproduction, ecology, microbiology, and biotechnology. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Biology enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Taxonomy
- Chemistry of Life
- Cells
- Cell Division and Reproduction
- Genetics: God's Plan of Inheritance
- Microbiology
- Plants: Green Factories
- Human Anatomy and Physiology
- Ecology, Energy, and Stewardship
- Principles and Applications

- **Integrated Physics and Chemistry (1.0 Credit)**

- Integrated physics and chemistry equips students with a foundation for understanding the basics of matter and energy. This course from our online academy helps students understand physical and chemical science fundamentals by observing the God's world. First semester topics include matter and changes in matter, motion and forces, electricity, and magnetism. Second semester lessons in this course from our online academy discuss atomic structure, geology, oceanography, astronomy, and body health. Global warming and the effects of fossil fuel are also examined. Integrated throughout the course, hands-on experiments include measuring matter, separating a mixture, motion graphs, conservation of energy, insulators, and more. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.

Throughout the course, students will explore the following topics:

- Explorations in Physical Science
- The Structure of Matter
- Matter and Change
- States of Matter
- Motion and Forces
- Work and Energy
- Heat Flow
- Electricity and Magnetism
- Waves
- Chemistry and Physics in Our World

IGNITIA COURSES

10th GRADE

Bible

- **Old Testament Survey (1.0 Credit)**

- With the King James Version as a primary resource, this fully online Bible course examines the entire Old Testament of the Bible with emphasis on how God worked throughout history to prepare the people of the world for the coming of His Son. Students will travel through history as lessons take them from the creation of the world, through classical Bible stories with key figures, through the rebuilding of the temple and the walls of Jerusalem. As a part of a complete learning management system, Ignitia Old Testament Survey is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Students enrolled in this Old Testament survey course will get a sweeping view of the books of the Bible while they discover classic stories and key figures that left a mark on Christianity for eternity. Lessons cover the great flood, Abraham and Isaac, lineage to Joseph, the Exodus, Israel in Canaan, and Joshua, the judges, and spiritual decline. Students will study the kingdom of Israel under Saul, David, and Solomon, the division of the kingdom, captivity of the Hebrews, the prophets, and the restoration. Lessons will ask students to critically examine some of the most pressing questions Christians face in the world today, and how to answer them in a Christ-centered way. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Old Testament Survey enriches the educational experience for Christian school students and sparks a passion for learning. This is a 1 Credit Course

Throughout the course, students will explore the following topics:

- Creation through Abraham
- Abraham through Joseph
- The Exodus and Wanderings
- Israel in Canaan
- The Judges and Spiritual Decline
- The Kingdom
- The Divided Kingdom
- The Remaining Kingdom
- The Captivity
- The Restoration

English

- **English 10 (1.0 Credit)**

- Give your students the practice and knowledge they need to build stronger communication skills with this interactive online English course. From word usage and the parts of speech, to reading, writing and preparing a speech, this course covers all the bases and incorporates plenty of practice to help your students prepare for their future in the information age. As a part of a complete learning management system, Ignitia English II is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

With a focus on different literary genres and building effective communication skills, English II was created specifically for 10th grade students enrolled in Christian schools. Throughout the course, students will expand their expertise in all things language, from grammar and writing, to reading and listening, lessons focus on critical evaluation and analysis. Recommended reading materials include modern magazine and newspaper articles, In His Steps, and Everyman. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia English II enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Language Structure
- Writing Effective Sentences
- Reading and Writing Skills
- Speaking and Listening
- The Development of English
- The Short Story
- The Novel
- Drama
- Poetry

History and Geography

- **American History (1.0 Credit)**

- Help your students develop a deep sense of pride and understanding as they follow the history of America from settlement through the battle for independence, and from industrialization through its impact on the world today as a global power. As a part of a complete learning management system, American history is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Your students will follow in the footsteps of America's earliest explorers as they go back in time to discover the roots of this nation, chronicle its development, and examine the events that marked turning points in its becoming a global power. Lessons include instruction on the foundation of the Republic, its relationship with England, the Continental Congress, the slave trade, regional lifestyles across the country, the Depression of the thirties, industrialization, the Vietnam conflict, and America today. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia American History enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Foundations of the American Republic
- The Constitutional Government
- National Expansion

- A Nation Divided
- At Home and Abroad
- Peace and Global Conflict
- A Nation at War
- Contemporary America

- **World Geography (1.0 Credit)**

- The perfect map for learning about world geography, this Ignitia course sends students off on a journey of discovery. Through the use of interactive lessons and geographic tools like maps, graphs, and charts, students will travel to every continent to learn about the land and its people.

As a part of a complete learning management system, world geography is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Traveling the globe has never been more interactive. Ignitia World Geography will take students across the U.S. and to the very ends of the earth to learn about the physical geography of each region, its culture and society, and its economics and politics. By looking at the history and implications for the future, students will develop their critical thinking and problem solving skill while getting a comprehensive view of the world in which they live. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia World Geography enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Geography Defined
- Humans and Their Environment
- North America
- Central America, South America, and the Caribbean
- Oceania, Australasia, and Antarctica
- Europe and the Balkans
- Sub-Saharan Africa
- North Africa and Southwest Asia
- Central, South, East, and Southeast Asia

Mathematics

- **Algebra 1 (1.0 Credit)**

- Throughout this online course, students are guided through the basics of algebra with lessons that focus on functions, linear equations, compound inequalities, exponential expressions, radicals, monomials, trinomials, polynomials, and quadratics. Students are encouraged to use various types of reasoning to formulate and evaluate math problems and solutions. Rooted in fundamentals, this course prepares students for higher-level math concepts. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Algebra I enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Foundations of Algebra
- Variables and Equations
- Functions
- Inequalities
- Linear Systems
- Polynomials
- Exponential and Radical Functions
- Quadratics
- Rational Expressions, Probability, and Statistics

- **Algebra 2 (Prerequisite: Algebra 1) (1.0 Credit)**

- More exciting than a traditional textbook, this interactive course allows students to work at an individualized pace as they delve into the complexities of higher-level math. Students will learn to combine terms in algebraic expressions and explore compound sentences. Other topics include polynomial functions, data analysis, logarithms, function graphing, joint and combined variation, algorithms, conic sections, and probability. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Algebra II enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Sets, Structure, and Function
- Numbers, Sentences, and Problems
- Linear Equations and Inequalities
- Polynomials
- Algebraic Fractions
- Real and Imaginary Numbers
- Quadratic Relations and Systems
- Exponential Functions
- Counting Principles and Outcomes

- **Geometry (1.0 Credit)**

- This comprehensive course guides students through interactive lessons that cover terminology, postulates and theorems, angles and shapes, and equations for measuring the dimensions and spatial attributes of shapes. As a part of a complete learning management system, geometry is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Students enrolled in this online geometry course are guided by a teacher in lessons that discuss simple points, lines, and ultimately complex shapes. Study includes coordinate geometry and isometry. Students will be encouraged to look beyond the obvious and focus on visualization, spatial reasoning, and problem solving from a Christ-centered perspective. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Geometry enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- The Nature of Geometry
- Logic and Reasoning
- Angles and Parallels
- Triangles and Quadrilaterals
- Similar Polygons
- Circles and Spheres

- Area and Volume
- Coordinate Geometry
- Transformations

- **Integrated Mathematics 1 (1.0 Credit)**

- Let your students learn how math offers real-life solutions to everyday problems with this interactive math course. Lessons will introduce students to a number of math disciplines including algebra, geometry, and statistics. As a part of a complete learning management system, Integrated Math I is a self-directed elective infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Give your students a broad view of the practical implications of math with this interactive course created for Christian high school students. Beginning with an introduction to algebra, the course leads students through the study of variables and expressions, radicals, exponents, geometry, functions, linear and quadratic equations, graphing, probability, and statistics. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Integrated Math I enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Foundations of Algebra
- The Language of Algebra
- Geometry
- Coordinate Geometry
- Linear Systems
- Equations and Inequalities
- Probability and Statistics

- **Pre-Calculus (Prerequisite: Algebra 1, Algebra 2, Geometry) (1.0 Credit)**

- Ignitia Pre-Calculus prepares students for calculus and college level math with interactive online lessons and advanced problem solving. Students will explore the purpose of calculus and mathematical analysis while they expand their algebraic knowledge through the realm of trigonometry. As a part of a complete learning management system, pre-calculus is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

With a clear, step-by-step delivery, this online course covers a wide range of mathematical concepts including an in-depth observation of math functions, quadratic inequalities, logarithms, probabilities, and permutation. Lessons are interactive to encourage retention of complex information and provide learning tools to clarify complicated mathematic operations. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Pre-Calculus enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Relations and Functions
- Special Functions
- Trigonometric Functions
- Circular Functions and Graphs
- Identities and Functions of Multiple Angles
- Application of Trigonometric Functions
- Inverse Trigonometric Functions and
- Polar Coordinates
- Quadratic Equations
- Probability
- Calculus Basics

Science

- **Biology (1.0 Credit)**

- Interactive and flexible, this course gives students a whole new way to look at God's world and learn about the relationship man has with the environment. From taxonomy and cells to the human body and the ecosystem, students are encouraged to explore all living things and answer biological questions from a Christ-based perspective. As a part of a complete learning management system, biology is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

This course is a scientific method for success, sure to engage your students through the delivery of online lessons and interactive media. A complete study of living things, this biology course includes lessons about plant and animal classification, habitats, the human body, cells and reproduction, ecology, microbiology, and biotechnology. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Biology enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Taxonomy
- Chemistry of Life
- Cells
- Cell Division and Reproduction
- Genetics: God's Plan of Inheritance
- Microbiology
- Plants: Green Factories
- Human Anatomy and Physiology
- Ecology, Energy, and Stewardship
- Principles and Applications

- **Chemistry (1.0 Credit)**

- Students take a quantum leap into the world of chemistry with an exploration of metrics, measurement, atoms, chemicals, and the way these building blocks react when manipulated. With a variety of required experiments, the course provides hands-on and computer-based lessons. As a part of a complete learning management system, chemistry is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Let the mysteries of chemistry unfold for your student with this online course designed to introduce them to the atoms, molecules, elements, and compounds. Students in the course will explore metrics, measurement, equilibrium, chain reactions, organic compounds, and the chemist's

toolbox with on and off-computer lessons and experiments. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Chemistry enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Estimation and Measurement
- Elements, Compounds, and Mixtures
- Gasses, Mass, and Moles
- The History of Chemistry
- Atomic and Molecular Structure
- Chemical Bonding and Stoichiometry
- Chemical Changes and Reactions
- Equilibrium
- Chemistry Tools
- Organic Chemistry and Hydrocarbons

IGNITIA COURSES

11th GRADE

Bible

- **Bible Doctrine (1.0 Credit)**

- With the King James Version as a primary resource, this online Bible course examines how biblical doctrine applies to everyday life, especially as it pertains to the questions and challenges faced by teenagers today. Through interactive lessons, they explore the rich heritage of Christianity as they study the Roman Empire, the nation of Israel, the incarnation of Jesus, and the Abrahamic Covenant. Students are encouraged to strengthen their faith through discussions about the integrity of the Bible, spiritual maturity, and principles for Christian living. As a part of a complete learning management system, Ignitia Bible Doctrine is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses and biblical references support the development of a Christian worldview and encourage practical Christian living.

By exploring the rich past of the early Christians and the challenges faced by the early church, high school students discover the relevancy of faith in today's world and are encouraged to consider the many questions they will be faced with as they enter adulthood. Lessons not only include biblical studies on the Roman Empire, Israel, Jesus, and other key figures from the Bible, but also teach about friendship, dating, marriage, apologetics, and the revelation. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Bible Doctrine enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- The Faithfulness of God
- Romans Part I
- Romans Part II
- The Doctrine of Jesus Christ
- The Nation of Israel
- The History of the Canon
- Friendship, Dating, and Marriage
- Sin and Redemption
- Apologetics

English

- **English 11 (1.0 Credit)**

- With an emphasis on building traditional and digital literacy, English III not only provides students essential practice and information to make them better communicators, but also exposes them to a variety of different literary forms and genres to encourage critical thinking and analysis. Not only will students study the language during this course, but they will also learn how to look at literature and language through a Christian worldview. As a part of a complete learning management system, Ignitia English III is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

A thorough review of grammar rules, an exploration of literary work by American writers, and a focus on research skills highlight this interactive online course for high school students. Building on current language skills, students will be challenged by more challenging concepts and assignments that focus on critical thinking, analysis, and strengthening communication. Required reading for the course includes *Our Town*, *The Old Man and the Sea*, and *The Book of Revelation*. Optional reading and lessons are also included in the curriculum to enrich the course. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia English III enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Varieties and Use of Standard
- English
- Sentence Elements
- Sentence Workshop
- Reading: Meaning and Main Ideas
- Poetry
- Nonfiction
- American Drama
- The American Novel
- Research

History and Geography

- **Government and Economics (1.0 Credit)**

- Prepare your students for life after high school with this comprehensive course that helps them understand their government, governments around the world, and the interaction between politics, economics, and the international community. As a part of a complete learning management system, government and economics is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Give your students the understanding they will need to become global citizens with this comprehensive and practical government and economics course. Lessons include an overview of the American government and other governments around the world. Students will be encouraged to think critically about the world in which they live, its politics both nationally and internationally, and the implications of personal and national economic actions. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Government and Economics enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Exploring Governments
- American Government
- Political Parties in America
- History of Governments

- A Christian and His Government
- Free Enterprise
- Business and You
- The Stock Market
- Budget and Financing
- Banking
- International Issues

- **World Geography (1.0 Credit)**

- The perfect map for learning about world geography, this Ignitia course sends students off on a journey of discovery. Through the use of interactive lessons and geographic tools like maps, graphs, and charts, students will travel to every continent to learn about the land and its people.

As a part of a complete learning management system, world geography is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Traveling the globe has never been more interactive. Ignitia World Geography will take students across the U.S. and to the very ends of the earth to learn about the physical geography of each region, its culture and society, and its economics and politics. By looking at the history and implications for the future, students will develop their critical thinking and problem solving skill while getting a comprehensive view of the world in which they live. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia World Geography enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Geography Defined
- Humans and Their Environment
- North America
- Central America, South America, and the Caribbean
- Oceania, Australasia, and Antarctica
- Europe and the Balkans
- Sub-Saharan Africa
- North Africa and Southwest Asia
- Central, South, East, and Southeast Asia

Mathematics

- **Algebra 1 (1.0 Credit)**

- Throughout this online course, students are guided through the basics of algebra with lessons that focus on functions, linear equations, compound inequalities, exponential expressions, radicals, monomials, trinomials, polynomials, and quadratics. Students are encouraged to use various types of reasoning to formulate and evaluate math problems and solutions. Rooted in fundamentals, this course prepares students for higher-level math concepts. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Algebra I enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Foundations of Algebra
- Variables and Equations
- Functions
- Inequalities
- Linear Systems
- Polynomials
- Exponential and Radical Functions
- Quadratics
- Rational Expressions, Probability, and Statistics

- **Algebra 2 (Prerequisite: Algebra 1) (1.0 Credit)**

- More exciting than a traditional textbook, this interactive course allows students to work at an individualized pace as they delve into the complexities of higher-level math. Students will learn to combine terms in algebraic expressions and explore compound sentences. Other topics include polynomial functions, data analysis, logarithms, function graphing, joint and combined variation, algorithms, conic sections, and probability. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Algebra II enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Sets, Structure, and Function
- Numbers, Sentences, and Problems
- Linear Equations and Inequalities
- Polynomials
- Algebraic Fractions
- Real and Imaginary Numbers
- Quadratic Relations and Systems
- Exponential Functions
- Counting Principles and Outcomes

- **Geometry (1.0 Credit)**

- This comprehensive course guides students through interactive lessons that cover terminology, postulates and theorems, angles and shapes, and equations for measuring the dimensions and spatial attributes of shapes. As a part of a complete learning management system, geometry is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Students enrolled in this online geometry course are guided by a teacher in lessons that discuss simple points, lines, and ultimately complex shapes. Study includes coordinate geometry and isometry. Students will be encouraged to look beyond the obvious and focus on visualization, spatial reasoning, and problem solving from a Christ-centered perspective. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Geometry enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- The Nature of Geometry
- Logic and Reasoning
- Angles and Parallels

- Triangles and Quadrilaterals
- Similar Polygons
- Circles and Spheres
- Area and Volume
- Coordinate Geometry
- Transformations

- **Integrated Mathematics 1 (1.0 Credit)**

- Let your students learn how math offers real-life solutions to everyday problems with this interactive math course. Lessons will introduce students to a number of math disciplines including algebra, geometry, and statistics. As a part of a complete learning management system, Integrated Math I is a self-directed elective infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Give your students a broad view of the practical implications of math with this interactive course created for Christian high school students. Beginning with an introduction to algebra, the course leads students through the study of variables and expressions, radicals, exponents, geometry, functions, linear and quadratic equations, graphing, probability, and statistics. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Integrated Math I enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Foundations of Algebra
- The Language of Algebra
- Geometry
- Coordinate Geometry
- Linear Systems
- Equations and Inequalities
- Probability and Statistics

- **Pre-Calculus (Prerequisite: Algebra 1, Algebra 2, Geometry) (1.0 Credit)**

- Ignitia Pre-Calculus prepares students for calculus and college level math with interactive online lessons and advanced problem solving. Students will explore the purpose of calculus and mathematical analysis while they expand their algebraic knowledge through the realm of trigonometry. As a part of a complete learning management system, pre-calculus is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

With a clear, step-by-step delivery, this online course covers a wide range of mathematical concepts including an in-depth observation of math functions, quadratic inequalities, logarithms, probabilities, and permutation. Lessons are interactive to encourage retention of complex information and provide learning tools to clarify complicated mathematic operations. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Pre-Calculus enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Relations and Functions
- Special Functions
- Trigonometric Functions
- Circular Functions and Graphs
- Identities and Functions of Multiple Angles
- Application of Trigonometric Functions
- Inverse Trigonometric Functions and
- Polar Coordinates
- Quadratic Equations
- Probability
- Calculus Basics

Science

- **Chemistry (1.0 Credit)**

- Students take a quantum leap into the world of chemistry with an exploration of metrics, measurement, atoms, chemicals, and the way these building blocks react when manipulated. With a variety of required experiments, the course provides hands-on and computer-based lessons. As a part of a complete learning management system, chemistry is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living

Let the mysteries of chemistry unfold for your student with this online course designed to introduce them to the atoms, molecules, elements, and compounds. Students in the course will explore metrics, measurement, equilibrium, chain reactions, organic compounds, and the chemist's toolbox with on and off-computer lessons and experiments. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Chemistry enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Estimation and Measurement
- Elements, Compounds, and Mixtures
- Gasses, Mass, and Moles
- The History of Chemistry
- Atomic and Molecular Structure
- Chemical Bonding and Stoichiometry
- Chemical Changes and Reactions
- Equilibrium
- Chemistry Tools
- Organic Chemistry and Hydrocarbons

- **Physics (1.0 Credit)**

- Charge up the learning with this flexible, interactive physics course geared for today's students. Guided by a teacher, students are introduced to the underlying principles of physics and perform experiments enabling them to see these principles in action and gain a better understanding of the motion that exists in God's creation. As a part of a complete learning management system, physics is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

This high-level science course combines cutting-edge technology with challenging academics, helping prepare high school students for rigorous college instruction. During the course, students will explore the physical world and the universe including light, motion, energy, electricity, magnetism, waves, nuclear energy, and thermodynamics. Through on and off-computer lessons, the course encourages critical thinking and higher level problem solving from a Christ-centered perspective. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Physics enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- The Language of Physics
- Newton, Motion, and Momentum
- Work and Energy
- Introduction to Waves
- Light
- Static Electricity
- Electric Currents
- Magnetism
- Atomic and Nuclear Physics

IGNITIA COURSES

12th GRADE

Bible

- **Christian Faith and Living (1.0 Credit)**

- Packed with biblical wisdom and guidance, students enrolled in this course learn about themselves, their role as Christians, and the fundamentals of the Christian faith. They will explore their spiritual gifts, ministry, practical Christ-centered living, and values. As a part of a complete learning management system, Ignitia Christian Faith and Living is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

As young people approach adulthood, this course provides practical, bible-based lessons for developing godly character, maturing in spirituality, and choosing a Christian ministry. An exploration of the attributes of God, world religions, biblical literature, the Godhead, helps them build a firm foundation for their future as ministers of the Word of God in today's world. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Christian Faith and Living enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Knowing Yourself
- Christian Ministry
- Choosing Your Christian Ministry
- Godhead
- God's Holiness and Goodness
- Epistles of James and John
- Biblical Literature
- Comparing Religions
- David, Solomon, Psalms, and Proverbs
- Practical Christian Living

English

- **English 12 (1.0 Credit)**

- The last word in high school English instruction, English IV, which is designed for 12th grade Christian school students, not only solidifies the skills they have acquired through years of language study, but also introduces them to Brit Lit, classics including Beowulf and The Canterbury Tales, and the sonnets of Shakespeare. Students will also review word usage, sentence building, and the importance of effective communication in their personal and professional lives. As a part of a complete learning management system, Ignitia English IV is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Refreshingly different, this final core English course wraps up all the disciplines of language for high school students. With an emphasis on core skills like reading comprehension, effective research and writing, oral communication, and grammar usage, this course also lets them dive deep into classic and Medieval literature with the works of Chaucer, Shakespeare, and Milton. Through the use of modern British magazines and newspaper articles, students will look at how the language is used today, including the media and digital communication. Required reading for this course includes Hamlet, Our Town, and the Bible. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia English IV enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- The Worth of Words
- The Structure of the Language
- Reading, Research, and Listening Skills
- Language: God's Gift to Man
- Medieval English Literature
- Elizabethan Literature
- 17th-18th Century English Literature
- Romantic and Victorian Poetry
- Creative Writing

History and Geography

- **Government and Economics (1.0 Credit)**

- Prepare your students for life after high school with this comprehensive course that helps them understand their government, governments around the world, and the interaction between politics, economics, and the international community. As a part of a complete learning management system, government and economics is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Give your students the understanding they will need to become global citizens with this comprehensive and practical government and economics course. Lessons include an overview of the American government and other governments around the world. Students will be encouraged to think critically about the world in which they live, its politics both nationally and internationally, and the implications of personal and national economic actions. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Government and Economics enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Exploring Governments
- American Government
- Political Parties in America
- History of Governments

- A Christian and His Government
- Free Enterprise
- Business and You
- The Stock Market
- Budget and Financing
- Banking
- International Issues

- **World Geography (1.0 Credit)**

- The perfect map for learning about world geography, this Ignitia course sends students off on a journey of discovery. Through the use of interactive lessons and geographic tools like maps, graphs, and charts, students will travel to every continent to learn about the land and its people.

As a part of a complete learning management system, world geography is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Traveling the globe has never been more interactive. Ignitia World Geography will take students across the U.S. and to the very ends of the earth to learn about the physical geography of each region, its culture and society, and its economics and politics. By looking at the history and implications for the future, students will develop their critical thinking and problem solving skill while getting a comprehensive view of the world in which they live. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia World Geography enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Geography Defined
- Humans and Their Environment
- North America
- Central America, South America, and the Caribbean
- Oceania, Australasia, and Antarctica
- Europe and the Balkans
- Sub-Saharan Africa
- North Africa and Southwest Asia
- Central, South, East, and Southeast Asia

Mathematics

- **Algebra 1 (1.0 Credit)**

- Throughout this online course, students are guided through the basics of algebra with lessons that focus on functions, linear equations, compound inequalities, exponential expressions, radicals, monomials, trinomials, polynomials, and quadratics. Students are encouraged to use various types of reasoning to formulate and evaluate math problems and solutions. Rooted in fundamentals, this course prepares students for higher-level math concepts. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Algebra I enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Foundations of Algebra
- Variables and Equations
- Functions
- Inequalities
- Linear Systems
- Polynomials
- Exponential and Radical Functions
- Quadratics
- Rational Expressions, Probability, and Statistics

- **Algebra 2 (Prerequisite: Algebra 1) (1.0 Credit)**

- More exciting than a traditional textbook, this interactive course allows students to work at an individualized pace as they delve into the complexities of higher-level math. Students will learn to combine terms in algebraic expressions and explore compound sentences. Other topics include polynomial functions, data analysis, logarithms, function graphing, joint and combined variation, algorithms, conic sections, and probability. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Algebra II enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Sets, Structure, and Function
- Numbers, Sentences, and Problems
- Linear Equations and Inequalities
- Polynomials
- Algebraic Fractions
- Real and Imaginary Numbers
- Quadratic Relations and Systems
- Exponential Functions
- Counting Principles and Outcomes

- **Geometry (1.0 Credit)**

- This comprehensive course guides students through interactive lessons that cover terminology, postulates and theorems, angles and shapes, and equations for measuring the dimensions and spatial attributes of shapes. As a part of a complete learning management system, geometry is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Students enrolled in this online geometry course are guided by a teacher in lessons that discuss simple points, lines, and ultimately complex shapes. Study includes coordinate geometry and isometry. Students will be encouraged to look beyond the obvious and focus on visualization, spatial reasoning, and problem solving from a Christ-centered perspective. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Geometry enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- The Nature of Geometry
- Logic and Reasoning
- Angles and Parallels

- Triangles and Quadrilaterals
- Similar Polygons
- Circles and Spheres
- Area and Volume
- Coordinate Geometry
- Transformations

- **Integrated Mathematics 1 (1.0 Credit)**

- Let your students learn how math offers real-life solutions to everyday problems with this interactive math course. Lessons will introduce students to a number of math disciplines including algebra, geometry, and statistics. As a part of a complete learning management system, Integrated Math I is a self-directed elective infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Give your students a broad view of the practical implications of math with this interactive course created for Christian high school students. Beginning with an introduction to algebra, the course leads students through the study of variables and expressions, radicals, exponents, geometry, functions, linear and quadratic equations, graphing, probability, and statistics. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Integrated Math I enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Foundations of Algebra
- The Language of Algebra
- Geometry
- Coordinate Geometry
- Linear Systems
- Equations and Inequalities
- Probability and Statistics

- **Pre-Calculus (Prerequisite: Algebra 1, Algebra 2, Geometry) (1.0 Credit)**

- Ignitia Pre-Calculus prepares students for calculus and college level math with interactive online lessons and advanced problem solving. Students will explore the purpose of calculus and mathematical analysis while they expand their algebraic knowledge through the realm of trigonometry. As a part of a complete learning management system, pre-calculus is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

With a clear, step-by-step delivery, this online course covers a wide range of mathematical concepts including an in-depth observation of math functions, quadratic inequalities, logarithms, probabilities, and permutation. Lessons are interactive to encourage retention of complex information and provide learning tools to clarify complicated mathematical operations. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Pre-Calculus enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Relations and Functions
- Special Functions
- Trigonometric Functions
- Circular Functions and Graphs
- Identities and Functions of Multiple Angles
- Application of Trigonometric Functions
- Inverse Trigonometric Functions and
- Polar Coordinates
- Quadratic Equations
- Probability
- Calculus Basics

Science

- **Chemistry (1.0 Credit)**

- Students take a quantum leap into the world of chemistry with an exploration of metrics, measurement, atoms, chemicals, and the way these building blocks react when manipulated. With a variety of required experiments, the course provides hands-on and computer-based lessons. As a part of a complete learning management system, chemistry is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

Let the mysteries of chemistry unfold for your student with this online course designed to introduce them to the atoms, molecules, elements, and compounds. Students in the course will explore metrics, measurement, equilibrium, chain reactions, organic compounds, and the chemist's toolbox with on and off-computer lessons and experiments. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Chemistry enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- Estimation and Measurement
- Elements, Compounds, and Mixtures
- Gasses, Mass, and Moles
- The History of Chemistry
- Atomic and Molecular Structure
- Chemical Bonding and Stoichiometry
- Chemical Changes and Reactions
- Equilibrium
- Chemistry Tools
- Organic Chemistry and Hydrocarbons

- **Physics (1.0 Credit)**

- Charge up the learning with this flexible, interactive physics course geared for today's students. Guided by a teacher, students are introduced to the underlying principles of physics and perform experiments enabling them to see these principles in action and gain a better understanding of the motion that exists in God's creation. As a part of a complete learning management system, physics is a self-directed course infused with technology-based lessons, tools, and exercises to enrich learning for students, and streamline instruction and administrative tasks for teachers. Like all Ignitia courses, Bible verses (KJV) and biblical references support the development of a Christian worldview and encourage practical Christian living.

This high-level science course combines cutting-edge technology with challenging academics, helping prepare high school students for rigorous college instruction. During the course, students will explore the physical world and the universe including light, motion, energy, electricity, magnetism, waves, nuclear energy, and thermodynamics. Through on and off-computer lessons, the course encourages critical thinking and higher level problem solving from a Christ-centered perspective. The course units include text-based lessons, on and off-computer exercises, special projects, learning games, quizzes, and tests that appeal to today's digital generation and help teachers to evaluate progress and mastery of the materials. Ignitia Physics enriches the educational experience for Christian school students and sparks a passion for learning.

Throughout the course, students will explore the following topics:

- The Language of Physics
- Newton, Motion, and Momentum
- Work and Energy
- Introduction to Waves
- Light
- Static Electricity
- Electric Currents
- Magnetism
- Atomic and Nuclear Physics

IGNITIA ELECTIVES

Electives

- American Literature (.5 credit)
- British Literature (.5 credit)
- Business Computer Information Systems I-A (.5 credit)
- Business Computer Information Systems I-B (.5 credit)
- Calculus (for use with AP Courses) (.5 credit)
- Career Explorations 1 (.5 credit)
- Career Explorations 2 (.5 credit)
- Civics (.5 credit)
- College Planner (.5 credit)
- Consumer Math (1.0 credit)
- Digital Arts (.5 credit)
- Earth Science (1.0 credit)
- Essential of Math (.5 credit)
- Essentials of Business (1.0 credit)
- Family and Consumer Science (1.0 credit)
- Foundation for Living, Studies in a Christian Worldview (1.0 credit)
- French I (1.0 credit)
- French II (1.0 credit)
- General Science III (1.0 credit)
- High School Health (.5 credit)
- Integrated Math I (1.0 credit)
- Integrated Physics and Chemistry (1.0 credit)
- Keyboarding & Applications (.5 credit)
- Music Appreciation (.5 credit)
- Music Theory (.5 credit)
- Personal Financial Literacy
- Physical Education (.5 credit)
- Physical Fitness (.5 credit)
- Spanish I (1.0 credit)
- Spanish II (1.0 credit)
- Speech: Essentials of Communication (.5 credit)
- State History (50 Individual Courses) (.5 credit)
- The Civil War (.5 credit)
- Trigonometry (.5 credit)
- Twentieth Century American History (.5 credit)
- Vietnam Era (.5 credit)

IGNITIA Career & Technical Education (CTE)

All courses are .5 credit.

Architecture, Construction and Engineering Cluster

- Construction Careers
- Engineering & Design
- Engineering and Innovation
- Engineering and Product Development
- Intro to Careers in Architecture and Construction

Business Management and Administration Cluster

- Business Law
- Career Management
- Careers in Logistics Planning & Management Services
- Careers in Marketing Research
- Introduction to Careers in Transportation, Distribution, and Logistics
- Office Applications 1 - (Microsoft Word, PowerPoint, and Publisher)
- Office Applications 2 - (Microsoft Excel and Access)
- Small Business Entrepreneurship
- Technology and Business

Careers in Health Care Cluster

- Careers in Allied Health
- Nursing: Unlimited Possibilities and Unlimited Potential

Education and Teaching Career Cluster

- Intro to Careers in Education and Training
- Teaching and Training Careers

Information Technology Cluster

- A/V Technology & Film Careers
- Fundamentals of Computer Systems
- Fundamentals of Digital Media
- Fundamentals of Programming & Software Development
- Intro to Careers in Arts, A/V Technology and Communications
- Introduction to Information Technology
- Introduction to Information Technology Support & Services
- Introduction to Network Systems
- Network System Design
- New Applications
- Software Development Tools

Manufacturing Career Cluster

- Careers in Manufacturing Process
- Intro to Careers in Manufacturing

Miscellaneous

- Banking Services Careers
- Intro to Careers in Finance
- Intro to Careers in Marketing
- Introduction to Careers in Government and Public Administration
- Introduction to Consumer Services
- National Security Careers