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## JUNIOR HIGH CURRICULUM

Students in grades 6-8 receive daily classroom instruction in six core subjects: Bible, English, Spanish, math, science, and history. In addition, the following schedule of enrichment classes has been set for each grade level:
$6^{\text {th }}$ grade: Physical Education; STEAM; Keyboarding
$7^{\text {th }}$ grade: Physical Education; Health; Technology 1
$8^{\text {th }}$ grade: Physical Education; Technology 2; Art

## HIGH SCHOOL GRADUATION REQUIREMENTS

Part of the mission of Cornerstone Christian Academy is to prepare students for higher education. Therefore, all of CCA's high school courses are college preparatory in nature. Students must successfully complete the following requirements in order to receive a Cornerstone diploma:

| Bible | 4 units |
| :--- | :--- |
| English | 4 units |
| History | 4 units* |
| Math | 3 units |
| Science | 3 units |
| Foreign Language | 2 units |
| Fine Arts | 1 unit |
| Physical Education | 1 unit |
| Health | $1 / 2$ unit |
| Practical Arts | $1 / 2$ unit |
| Winterim | 2 units |
| Core Electives | 2 units |

* One unit of history must be American History; All students must pass the United States Constitution exam in order to be eligible to graduate.

A unit consists of two semesters of classroom instruction. Any semester of coursework that is not completed and passed must be repeated if needed for graduation.

Students receive a $1 / 4$ credit for each academic/practical Winterim class they complete successfully. A $1 / 2$ unit credit is awarded for participation in the internship program or study/service trips. Winterim course offerings vary from year to year. Sample course descriptions are available upon request.

## BIBLE

## "All Scripture is God-breathed and is useful for teaching, rebuking, correcting, and training in righteousness so that the man of God may be thoroughly equipped for every good work." <br> 2 Timothy 3:16-17

## PHILOSOPHY

The Bible is the inspired Word of God and the standard of absolute truth (2 Timothy 3:16-17). It has the authority to speak to all areas of faith and life. Properly received, instruction in God's Word results in: faith leading to eternal life, a life that glorifies God, and a commitment to impact the world for the cause of Christ.

UPPER SCHOOL SEQUENCE

| $\mathbf{6}^{\text {th }}$ | $\mathbf{7}^{\text {th }}$ | $\mathbf{8}^{\text {th }}$ | $\mathbf{9}^{\text {th }}$ | $\mathbf{1 0}^{\text {th }}$ | $\mathbf{1 1}^{\text {th }}$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Old Testament | Life of Christ | The <br> Church (Acts <br> and Church <br> History) | Epistles | Romans |  <br> Apologetics | Survey <br> Synthesis |

## BIBLE 6: OLD TESTAMENT

Old Testament Survey is a journey through the Old Testament highlighting the themes and patterns that show our fallen human nature and our just and merciful God's complex character. We emphasize the gospel by showing how, despite human rebellion, God is faithful to his saving covenant promises that find their fulfillment in Jesus. We show how the Old Testament's ancient wisdom about human flourishing and suffering have profound application today.
Key Texts: The Bible (ESV)

## BIBLE 7: LIFE OF CHRIST

This is an in-depth study of the life of Jesus presented in the four Gospels. Students will study the timeline of Jesus' life, from the events surrounding his birth to His ascension. Other units focus on learning what it means to be a disciple of Jesus by studying his teachings, miracles, and parables. The course is designed to deepen understanding of who Jesus is as Lord and Savior.
Key Texts: The Bible (ESV)

BIBLE 8: THE EARLY CHURCH - ACTS \& CHURCH HISTORY
This course is designed to give students a broad understanding of the story of Christ's Church, beginning with the book of Acts and continuing to modern times. Special emphasis will be placed on people, practices, and events that shaped Christian thought and life. We challenge students to think critically about church history, as well as about how the modern church can learn from the past.
Key Texts: The Bible (ESV), Christianity Through the Centuries by E. E. Cairns

## BIBLE 9: EPISTLES

This course covers New Testament Epistles from 1 Corinthians to Revelation. Students will focus on the main themes of each letter, investigating how each letter fits into the story of the Bible. Students will be given opportunities to read and interpret passages on their own, as well as discuss passages and concepts with others in order to prepare them for a life of studying and applying God's Word
Key Texts: The Bible (ESV)

## BIBLE 10: ROMANS

This course offers an in-depth look at the atoning work of Jesus in Paul's letter to the Romans. We'll explore human fallenness, how the Old Testament bears witness to the gospel, how the gospel changes us and unites communities, and the riches we have in Christ. Students will learn how to read the epistolary genre for themselves by clarifying how propositions relate-what scholars call arcing or tracing the argument. As part of this course, students will engage in theological research and writing.
Key Texts: The Bible (ESV), Foundations of the Christian Faith by J. M. Boice

## BIBLE 11: WORLDVIEWS \& APOLOGETICS

This course trains students to think in terms of worldview to evaluate the truth, consistency, and content of the Christian and other worldviews. Various aspects of culture and history will be examined through the lens of a Biblical worldview. Students will learn a nonconfrontational approach to challenging others' worldviews using tactical questions. They will explore the arguments about the existence of God, the resurrection, the reliability of scripture, and the problem of evil, and gain a firmer foundation for their faith.
Key Texts: The Bible (ESV), Tactics by G. Koukl

## BIBLE 12: SURVEY \& SYNTHESIS

During the first semester of this course, students will review the major themes and events of the Bible. The objective of the second semester of study is to encourage students to think critically and Christianly. Students will be challenged to articulate their own Christian worldview as part of a "senior synthesis" project.
Key Texts: The Bible (ESV), The Emmaus Code by D. Limbaugh

## LIFE CALLING \& LEADERSHIP

This course helps students to assess their areas of giftedness and consider how they might steward these gifts to advance God's kingdom. Through study of God's Word, discussion and development of Christ-focused community, and self-reflection, students understand that all life has God-ordained meaning and purpose.
Key Texts: The Bible (ESV), Other related texts and articles

# ENGLISH/LANGUAGE ARTS 

## "Never to be completely idle, but either reading or writing, or praying, or meditating, or working at something useful for all in common."

Thomas à Kempis

## PHILOSOPHY

God has given man the gift of language as a means of establishing a relationship with Him and accomplishing the Great Commission. The study of language arts is foundational to all other learning. It is essential for communicating effectively, comprehending oral and written material, developing a love for God's Word and other literature, and articulating a biblical worldview.

## UPPER SCHOOL SEQUENCE

| $\mathbf{6}^{\text {th }}$ | $\mathbf{7}^{\text {th }}$ | $\mathbf{8}^{\text {th }}$ | $\mathbf{9}^{\text {th }}$ | $\mathbf{1 0}^{\text {th }}$ | $\mathbf{1 1}^{\text {th }}$ | $\mathbf{1 2}^{\text {th }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Language |  |  |  |  |  |  |
| Arts 6 | Language | Language | Antiquity <br> $\&$ <br> Arts 7 | Arts 8 | Introductory <br> Logic | Western <br> Civilization |
|  |  |  |  | American <br> Literature | Advanced <br> Composition, Public <br>  <br> Classical Rhetoric |  |

## LANGUAGE ARTS 6

In this course, students will solidify their understanding of the structure of the English language through study of the parts of speech, the mechanical aspects of the written language, and vocabulary development. Students will be challenged to apply that understanding through a variety of writing styles. In addition, students will be exposed to literature from the fantasy and the adventure genres, with several novel units corresponding to related historical studies.
Key Texts: God's Gift of Language C, A Beka; WordBuild; The Hobbit; The Adventures of Tom Sawyer; Treasure Island; The Lion, the Witch, and the Wardrobe; The Bronze Bow; The Cay; The Last Battle; Where the Red Fern Grows.

## LANGUAGE ARTS 7

This course stresses writing as a process through individual writing units and within the studies of grammar, mechanics, literature, and vocabulary development. Emphasis is given to the expository and persuasive writing styles. Literature units relate closely to history.
Key Texts: Grammar \& Composition I, A Beka Book; WordBuild; The Light in the Forest; Johnny

Tremain; The Call of the Wild; A Midsummer Night's Dream; A Christmas Carol.

## LANGUAGE ARTS 8

This course emphasizes the integration of literature and history. Students will be challenged to consider historical events through the lens of Scripture. As they read a selection of short stories, they will analyze plot development, characterization, and themes. They will also study grammar, mechanics, and usage through traditional skills practice in the context of literature. Finally, they will explore the language of Shakespeare by studying Romeo and Juliet.
Key Texts: Grammar \& Composition II, A Beka Book; Across Five Aprils; The Red Badge of Courage; The Diary of Anne Frank; The Gift of the Magi and Other Classics of O. Henry; Romeo and Juliet; Elements of Literature, Holt, Reinhart, and Winston

## ENGLISH 9: STUDIES IN ANTIQUITY \& LOGIC

This course is designed to give students an indepth look at the classical roots of western language, literature, and philosophy. Students will read literature and analyze theme, characterization, and allusions through a biblical
worldview lens. They will study grammar, mechanics, and vocabulary development.
Key Texts: Grammar \& Composition III, Abeka Book; Mythology \& You, Glencoe Publishing Company; The Odyssey; 'Til We Have Faces; Julius Caesar; Traditional Logic, Memoria Press.

## ENGLISH 10: LITERATURE OF WESTERN CIVILIZATION

This course integrates the history of Western civilization with the analysis of great literary works of the British Isles and Western Europe. Units progress chronologically and thematically in conjunction with 10th grade history coursework. In addition, students will revisit the fundamentals of composition, grammar, mechanics, and usage. They will be challenged to effectively communicate truth through the written word. Students will write both personal and formal essays, including literary analysis and research papers.
Key Texts: Grammar \& Composition IV, Abeka Book; Wuthering Heights; Waiting for Godot; The Prince; Hamlet; Animal Farm.

## ENGLISH 11: AMERICAN LITERATURE

This course is a study of English grammar and American literature taught in conjunction with $11^{\text {th }}$ grade American history. Students examine a wide variety of literary genres through five chronological and thematic units, ranging from the early creation myths of indigenous communities, narratives and letters of early settlers, poetry and short stories from the Romantic and Modern movements, essays, novels, plays, and other types of contemporary literature. Consideration is given to the way literature reveals the human condition and the creative heart of God evidenced in people made in His image.
Key Texts: Handbook of Grammar and Composition V, A Beka; American Literature Third Edition, BJU Press; The Scarlet Letter

## ENGLISH 12: ADVANCED COMPOSITION, PUBLIC SPEAKING, \& CLASSICAL RHETORIC

The composition and rhetoric components of this course are designed to refine expository writing skills in preparation for college-level writing.

Students will write several papers dealing with contemporary topics such as social, political, and religious issues as well as literary criticism. Standard and advanced composition techniques will be utilized. Additionally, students will examine qualities of effective communication and develop public speaking skills. The culminating senior synthesis project is the result of a combined effort between the English and Bible departments.
Key Texts: Grammar \& Composition VI, Abeka Book; How to Read a Book; Elements of Style; Sound Speech, BJU Press.

## JOURNALISM

This course focuses on the special mechanics of news writing, reporting, photography, and design work. Students assemble the Yearbook. This year-long course is also involved in weekly broadcasting. It may count as an English or Fine Arts elective.
Key Text: Journalism Today, Glencoe Publishing Company.

## LIFE LITERATURE

This course explores a variety of literature forms and looks at the Biblical worldview presented in literature to challenge thinking and to apply a Biblical worldview to life.
Key Text: The Prodigal God by Timothy Keller, Assumptions by Christian Overman, The Giver by Lois Lowery, Perelandra by CS Lewis, Cry the Beloved Country by Alan Paton, Biblical Moments, A Collection of Devotionals by Lee Strobel.

## AP ENGLISH LITERATURE \& COMPOSITION

This course allows students to read and respond to literary selections commonly used in collegelevel instruction. The course syllabus is aligned to College Board standards. Instruction prepares students for the corresponding AP examination.
Key Texts: David Copperfield, Fahrenheit 451, Frankenstein, The Great Gatsby, Hear of Darkness, Jane Eyre, Macbeth, The Merchant of Venice, Oedipus the King, The Screwtape Letters, To Kill a Mockingbird

## HISTORY

# "History is a continuing parable <br> whereby God's purposes are revealed for those with eyes to see." 

Malcolm Muggridge

## PHILOSOPHY

The Roman historian Tacitus wrote, "The task of history is to hold out for reprobation every evil word and deed, and to hold out for praise every great and noble word and deed." In addition, Christians must hold the happenings of yesterday's history and today's current events up to the truth of God's Word. The study of history helps students grow closer to God while learning about His participation in the course of mankind.

UPPER SCHOOL SEQUENCE

| $\mathbf{6}^{\text {th }}$ | $\mathbf{7}^{\text {th }}$ | $\mathbf{8}^{\text {th }}$ | $\mathbf{9}^{\text {th }}$ | $\mathbf{1 0}^{\text {th }}$ | $\mathbf{1 1}^{\text {th }}$ | $\mathbf{1 2}^{\text {th }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Ancient | History of |  |  |
|  |  | U.S. | U.S. | History <br> Ancient | History | History |
| History | (Bible Times | Western | Civilization | US History |  |  |
|  | 1400 's - | (1800's - | through | (Medieval | AP US History | Economics |
|  |  | Present) | Medieval | Through | Age) | 1800's) |

## HISTORY 6: ANCIENT HISTORY

This course investigates the civilizations from which western culture developed. Students will examine the people, events, and institutions that have shaped western civilization. Areas of special emphasis include: the nation of Israel, the rise of the Greek and Roman empires, and the eventual spread of Christianity throughout the Roman and medieval world.
Key Text: Heritage Studies 6 Ancient Civilizations, Bob Jones University Press

HISTORY 7: UNITED STATES HISTORY (1450 1850)

This course is the first in a two-part survey of the major events in America's history. It begins with exploration and colonization and culminates at the pre-Civil War era. Students will be challenged to recognize God's active role in our country's history and to evaluate human motives surrounding historical events. The study of civics and the establishment of the United States Constitution is included in this course.

Key Text: The American Republic, Bob Jones University Press

## HISTORY 8: UNITED STATES HISTORY (1850PRESENT)

This course completes a two-year survey of American history. Studies focus on people and events from the Civil War time period to the current events that shape our history. Students are trained to view our nation's history through a Biblical worldview and to critically analyze current events in light of God's Word.
Key Text: The American Republic, Bob Jones University Press
HISTORY 9: HISTORY OF ANCIENT
CIVILIZATIONS

In this course, students examine ancient civilizations and analyze their influence on modern society. Study begins with Egypt and Mesopotamia, also emphasizing ancient Greece and Rome, and Medieval and Renaissance Europe. Students will examine biblical events related to each historical period.

Key Text: World History, Holt, Reinhart, \& Winston; World Geography Today, Holt, Reinhart, \& Winston

## HISTORY 10: HISTORY OF WESTERN CIVILIZATION

This course examines and evaluates the people and developments that have shaped western civilization since 1300 A.D. Particular emphasis is placed on the Enlightenment, French Revolution, Glorious Revolution, Industrial Revolution, Age of Imperialism, world wars, and the Holocaust. Students will be challenged to think biblically about the development of western civilization and its impact on the rest of the world.
Key Text: World History, Holt, Reinhart, \& Winston; World Geography Today, Holt, Reinhart, \& Winston

## HISTORY 11: HISTORY OF THE UNITED STATES

In this course, students consider the impact that events in American history have on current events. This course is a comprehensive review of important people and events that shaped our country's history. Major historical events will be analyzed and discussed in parallel with God's Word.
Key Text: American Vision: Modern Times, Glencoe McGraw-Hill

## HISTORY 11: AP US HISTORY

AP US History is a challenging class meant to be the equivalent of a college course. It is a twosemester survey of American history from before Columbus to the present day. Emphasis is placed on critical historical thinking skills, essay writing, chronological reasoning, developing the ability to construct historical arguments, and interpretation of primary and secondary sources. The main objective of the course is to help students see the "big picture" of the American historical narrative. Upon completion, students are able to trace multiple themes-such as the role of the US in world history and current events, the development of American identity, and the migration of people to and within the country.
Key Texts: The American Pageant, Cengage

## HISTORY 12: GOVERNMENT / ECONOMICS

This course is a rigorous study of the origins of the United States and state government and their present status and functions. To be eligible for graduation, students must pass examinations on both the U.S. and Illinois constitutions. Students are challenged to recall factual information interpret data, and develop and defend theses about causes, effects, and relationships of constitutional issues. This course also includes a semester-long study of economic principles.
Key Texts: American Government, Holt, Reinhart, \& Winston

## HISTORY: WESTERN PHILOSOPHY AND THEOLOGY

The Story of Christendom is a course based in the Christian "Great Books" tradition where books will actually be read and discussed. The goal of the class is to broaden the student's foundational understanding of the Christian faith, practice, and piety as passed down through the ages. Creeds, confessions, catechisms, theological treatises, poems, and hymns will guide our journey.

## EUROPEAN HISTORY

A study of the political, social, economic, intellectual, and religious developments in Europe from the 16th century and the impact of the West as it expanded its influence around the world. The course will explore key developments in Europe from the 16th through 19th centuries and the impacts of those developments around the world. Students will gain an understanding of the events and ideas of this time period through a global perspective. The course will highlight the ways empire was imagined and perceived by various people, both in the metropole and abroad. It is designed to cover important issues in World History not covered in a Western Civilization course. An emphasis will be placed on reading critically and writing using primary and secondary source evidence. In this course, we will seek to engage with all human beings - no matter the period in which they lived - from a Christian perspective of human nature.

# MATHEMATICS 

## "In exploring mathematics, one is exploring the nature of God's rule over the universe; one is exploring the very nature of God Himself."

Vern S. Poythress

## PHILOSOPHY

Through the study of mathematics, students can gain an understanding of God's order, logic, and precision in design. Developing these same attributes leads to advanced analytical thought processes and an improved ability to communicate truth to believers and unbelievers alike.

## UPPER SCHOOL SEQUENCE

| $\mathbf{6}^{\text {th }}$ | $\mathbf{7}^{\text {th }}$ | $\mathbf{8}^{\text {th }}$ | $\mathbf{9}^{\text {th }}$ | $\mathbf{1 0}^{\text {th }}$ | $\mathbf{1 1}^{\text {th }}$ | $\mathbf{1 2}^{\text {th }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Saxon Course 2 | Saxon Course 3 | Algebra I | Geometry | Algebra II | Pre-Calculus or <br> Statistics | AP Calculus or <br> Statistics |
|  | Algebra I | Geometry | Algebra II | Pre-Calculus | AP Calculus or <br> Statistics | AP Calculus or <br> Statistics |

Italicized titles indicate courses offered in the advanced math track.
Placement in this track is determined as students enter $7^{\text {th }}$ grade.

## MATH 6: SAXON MATH COURSE 2

This course offers students an opportunity to refine arithmetic skills learned during the elementary school years while developing a basic understanding of algebra and geometry. Areas of study include: operations and properties of arithmetic, fractions, decimals, percents, ratios, proportions, probability, number theory, integers, variables, coordinate planes, and geometric shapes and solids.
Key Text: Course 2, Saxon Publishers

## MATH 7: SAXON MATH COURSE 3

This course provides a basic introduction to algebra. The objective of Course 3 is mastery of algebraic concepts such as: identifying and isolating variables in algebraic equations, solving simple and complex equations, simplifying rational and radical expressions; and solving linear equations.
Key Text: Course 3, Saxon Publishers

## ALGEBRA I

This course addresses the standard topics of algebra through a variety of challenging applications including: linear equations,
inequalities, and systems; quadratic functions and relations; roots, powers, and exponential and logarithmic functions; and polynomials and polynomial functions. Students are challenged to consider God's order and precision as they manipulate algebraic formulas and patterns.
Key Text: Algebra I, Saxon Publishers

## GEOMETRY

In this course, the standard topics of Euclidean geometry are developed using the traditional synthetic approach, the analytical coordinate approach, and the modern transformational approach. Both inductive and deductive thinking skills are developed as students move from informal reasoning to formal proof.
Key Text: Geometry, Saxon Publishers

## ALGEBRA II

The topics of study in Algebra II allow students the opportunity to build on concepts learned in Algebra I and Geometry. This course is significantly more rigorous than Algebra I, and will cover such topics as solving binomial and trigonometric equations, and utilizing matrix math methods. A considerable amount of time is
spent developing geometric concepts and writing proof outlines. Applications to subjects such as chemistry and physics are also covered. A scientific calculator is required.
Key Text: Algebra II, Saxon Publishers

## STATISTICS

An introduction to statistical analysis as used in various liberal arts disciplines. Students will become familiar with using calculator functions to analyze data and make decisions. Students will use exploratory methods to identify patterns and make decisions. Emphasis is placed on applications and the use of statistics to solve reallife problems. This course will reveal the patterns God has designed with mathematics and allow us to explore the ways in which we are able to make decisions in our world today based on the information discerned from analyzing the data.

## PRE-CALCULUS

Pre-calculus is a year-long preparatory course for calculus that provides a structured entry to advanced studies while building on concepts learned in previous high school math courses. Designed to be taken after Algebra II, precalculus builds upon students' understanding of various aspects of functions and expands their knowledge of trigonometric functions, all while
helping them make connections between geometry and algebra. As they manipulate and investigate these topics, students are challenged to consider God's order and precision.

## AP CALCULUS

In this course, the topics of limits, derivatives, and integrals are developed from a logical, graphical, numerical, and analytical perspective. This course emphasizes conceptual understanding and applications. Topics assessed on the Advanced Placement Calculus AB exam are covered in preparation for the May test date.
Key Text: Calculus, Saxon Publishers

## SCIENCE

# "For by Him all things were created: things in heaven and on earth, visible and invisible, whether thrones or powers or rulers or authorities; all things were created by Him and for Him. He is before all things, and in Him all things hold together." 

Colossians 1:16-17

## PHILOSOPHY

Science is the study of the natural world as spoken into existence by a creative God. Students study science in order to increase in knowledge of the Creator by means of exploring His design and purpose. This knowledge will prepare them to subdue and steward the physical world for the glory of God and the good of mankind.

UPPER SCHOOL SEQUENCE

| $6^{\text {th }}$ | $7^{\text {th }}$ | $8^{\text {th }}$ | $9^{\text {th }}$ | $10^{\text {th }}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Integrated Science I | Integrated Science II | *Integrated Science III | *Biology | Chemistry | $\begin{gathered} \hline \text { Physics } \\ \text { Conceptual Physics } \\ \text { AP Biology } \\ \text { AP Chemistry } \\ \text { AP Environmental Science } \\ \text { Anatomy \& Physiology } \\ \hline \end{gathered}$ |

SCIENCE 6: INTEGRATED SCIENCE I
This course provides a close-up look at the structure of God's laws while exploring space, life, physics, and chemistry helping students understand the complexity of its design and the vast knowledge of our Creator God.
Key Text: iScience 2, Glencoe Publishing Company.

## SCIENCE 7: INTEGRATED SCIENCE II

This course builds upon the sixth grade science course and integrates principles of earth, life, and physical science studied through the lens of Scripture.
Key Text: iScience 3, Glencoe Publishing Company.

## SCIENCE 8: INTEGRATED SCIENCE III

This course builds upon the seventh grade science course and further integrates principles of earth, life, and physical science studied through the lens of Scripture.
Key Text: iScience 3, Glencoe Publishing Company.

SCIENCE 9: BIOLOGY
This course assists students in mastering principles of life science and prepares them for more advanced courses offered at the upper high school level. Students are challenged to consider the vastness of God's creation and will learn principles of biblical stewardship of the resources provided by His hand.
Key Text: Biology, Glencoe Publishing Company.

## SCIENCE 10: CHEMISTRY

Any study of God's creation inevitably leads to an investigation of the basic components that He used to form the universe. Chemistry is the study of these components - atoms - and the properties that result from anatomical bonding. With this basis, topics of study include: chemical/physical changes, formulae, stoichiometry, electronic structure, the periodic table, phases of matter, gas laws, and thermodynamics.
Key Text: Chemistry, Addison-Wesley.

## HUMAN ANATOMY \& PHYSIOLOGY

This course is the study of the pinnacle in God's creation: mankind. Anatomy is the study of the structure of body systems and their relationships to one another. Physiology concerns the functioning of the body systems to carry out lifesustaining activities. Physiology is explainable only in terms of the underlying anatomy. Students are challenged to recognize God's creativity, complexity, and precision in the design of the human body. Animal specimens are utilized for the dissection of organs and the comprehensive examination of anatomical structure.
Key Text: Introduction to Anatomy and Physiology By Hall, Provost-Craig, and Rose.

## CONCEPTUAL PHYSICS

Conceptual Physics is the study of the fundamental principles by which God providentially governs and maintains His creation. This course emphasizes conceptual understanding and application of those principles. Topics of study include motion, forces, energy, work, sound, light, optics, electricity, and magnetism.
Key Text: Conceptual Physics by Hewitt

## AP ENVIRONMENTAL SCIENCE

AP Environmental Science allows students to explore and investigate the interrelationships of the natural world and analyze environmental problems, both natural and human made. This course teaches students to look at all sides of complex environmental issues and try to find the

## PHYSICS

Physics is the study of the fundamental principles by which God providentially governs and maintains His creation. Students will apply their algebra and geometry skills to solve problems in which they apply the natural laws at work around them to more fully understand God's creation. Topics of study include motion, forces, energy, work, sound, light, optics, electricity, and magnetism.
Key Text: Physics, Holt Publishing

## AP BIOLOGY

Students enrolled in this course follow a syllabus aligned to College Board standards in preparation for the corresponding AP exam. Successful completion of general biology and chemistry is a pre-requisite. Students may take this course for AP and/or dual credit.
Key Text: Biology, AP Edition by Miller \& Levine.

## AP CHEMISTRY

Students enrolled in this course follow a syllabus aligned to College Board standards in preparation for the corresponding AP exam. Successful completion of general biology and chemistry is a pre-requisite. Students may take this course for AP and/or dual credit.
Key Text: Biology, AP Edition by Miller \& Levine. best way to care for the world that has been gifted to us. The topics of the course range from biodiversity, land \& water use, populations, energy resources, aquatic and terrestrial pollution, irrigation, and atmospheric pollution.

# FOREIGN LANGUAGE 

# ". . . with Your blood You purchased men for God from every tribe and language and people and nation." 

Revelation 5:9

God commands Christians to "go and make disciples of all nations" (Matthew 28:19). The fulfillment of this commission requires cross-cultural understanding and fluency in other languages. Foreign language is taught in order to develop mission-minded students and to facilitate inter-cultural communication.

UPPER SCHOOL SEQUENCE

| $\mathbf{6}^{\text {th }}$ | 7 $^{\text {th }}$ | $\mathbf{8}^{\text {th }}$ | 9 $^{\text {th }}$ | 10 $^{\text {th }}$ | 11 $^{\text {th }}$ | 12 $^{\text {th }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Spanish IA |  | Spanish IB | Spanish II | Spanish | Spanish | Spanish |
|  |  |  | I, III | II, IV | III, V/VI | Spanish |
|  |  |  |  |  |  |  |

Foreign language placement in grades 9-12 is based on successful completion of previous levels or demonstrative proficiency determined by examination.

## SPANISH IA

This course introduces students to the grammatical structure of the Spanish language. Units of study focus on basic verb conjugation and sentence structure. The influence of Spanish in the United States as well as the history and culture of Mexico and Puerto Rico is also emphasized. Satisfactory completion of this course is equivalent to one semester of high school Spanish.
Key Text: Auténtico 1, Pearson

## SPANISH IB

Units of study emphasize regular and irregular verb conjugations of present, present progressive, and preterite tense verbs. Vocabulary units revolve around high-usage words and phrases. Students are frequently given the opportunity to hear native Spanish speakers and to practice their own speaking skills through skits, recitations, and conversation. During the second semester, students focus their attention on using their acquired Spanish skills to create gospel presentations and evangelistic tools. Students are also introduced to the history, geography, and culture of Spain and Ecuador.

Key Text: Auténtico 1, Pearson.

## SPANISH I

This course is designed for the high school student who has had little to no experience learning Spanish or another foreign language. A basic understanding of grammar structures, a general knowledge of vocabulary, and an introduction to the culture of the Hispanic world will be achieved. Students will experience Hispanic culture through relevant material like movies and cooking days.
Key Text: Auténtico 1, Pearson

## SPANISH II

This course builds on the foundation constructed in Spanish I. More advanced grammar structures, vocabulary, and cultural issues are introduced in this course of study. In addition, there is a larger focus on students developing their listening and speaking abilities. Students will continue their exploration of Hispanic culture through relevant cultural material, including cooking days and field experiences.
Key Text: Auténtico 2, Pearson

## SPANISH III

This course is designed to refine acquired language skills and help students gain confidence in the target language. Students are expected to read, write, and interact using Spanish only (with a few exceptions). Our text has ten thematic chapters which integrate rich vocabulary groups and a thorough presentation of grammar. These chapters are designed to help students make connections between complex grammatical structures and real-life applications. Chapter activities combine communication, culture, and cross-curricular content with authentic literature and poetry.
Key Text: Auténtico 3, Pearson

## SPANISH IV

This is an advanced level Spanish course that uses the En Español series to promote the development of listening, speaking, reading, and writing skills through a focus on the study of the twenty-one countries comprising the Spanishspeaking world. Units are geographically oriented, and text lessons focus on individual countries or particular groups. People and events are described in the context of the past and the present. Students not only gain insight into Spanish-speaking cultures and civilizations, but also achieve a more global understanding of current international events and their implications. With the exception of grammar explanations, the text is written entirely in Spanish, so students are constantly exposed to natural language. The course culminates in an end-of-the-year project where students will lead their peers, entirely in Spanish, through the
history, culture, and current events of a Spanishspeaking country of their choosing.
Key Text: En Español Pasaporte al Mundo 21, McDougal-Littell

## SPANISH V: CONVERSATION \& CULTURE *

This course is designed for the advanced level student. Topics of interest are discussed in the target language along with Spanish Grammar. Such topics include, but are not limited to, current events and trends, technology, human rights, who's who in Spanish-American culture, fine arts, human diversity, culinary arts, employment, leisure time, and a look into the future. All of this is taught from a Biblical worldview.
Key Texts: Conexiones: Culture \& Communication, Pearson; Una Vez Más, Prentice Hall

## SPANISH VI: LITERATURE \& LANGUAGE *

This course is designed for the advanced level student who is self-motivated and desires to read selections from Spain and Latin America. Reading is according to time periods and students discover the links that bond Spain to Latin America. All grammar is reviewed while students continue to read, write, listen, and speak in Spanish. All of this is taught from within a Biblical worldview.
Key Texts: Momentos Cumbres de las Literaturas, Pearson; Select Spanish novels; Una Vez Más, Prentice Hall

* Note: Spanish V and VI are offered during alternating academic years and may be taken for dual credit or in preparation for the AP Spanish Language and Culture exam.


# PHYSICAL EDUCATION 

"We are the temple of the Living God."<br>2 Corinthians 6:16

## PHILOSOPHY

Man is God's image bearer, created body, soul, and spirit. Since the body is the temple of the Holy Spirit and belongs to the Lord, students learn to develop and steward their bodies in order to serve Him with excellence throughout their lives. Students are challenged to honor God with their soul-mind, will, and emotions-through competitive and cooperative play allowing their character to be shaped into Christlikeness.

## PHYSICAL EDUCATION 6-8

Middle grade physical education classes emphasize physical fitness and team play concepts. Student are challenged to develop a Christian worldview of health, fitness, and teamwork. Students learn to follow basic rules and general safety practices unique to a variety of athletic activities.

## PHYSICAL EDUCATION 9-12

Units of instruction for high school physical education center on concepts of physical fitness and refinement of fundamental movement skills. The PE program seeks to foster good stewardship of leisure time by introducing students to a variety of meaningful individual, paired, and team recreational activities. Students are challenged to develop individualized fitness regimens to increase endurance, strength, and flexibility. The objective is to assist students in establishing healthy patterns that will lead to lifelong commitment to care for their bodies as temples of the Holy Spirit.

## WEIGHT TRAINING 9-12

Weight training is a high-intensity course designed to meet the needs to motivated students. Students will engage in resistance training 3 or 4 days a week and incorporate plyometrics, speed, and agility routines. The course provides an opportunity for students to develop strength and power beyond what can be developed in a traditional PE class. Similar to PE, the goal is to help students develop a passion to care for their bodies as temples of the Holy Spirit.

## HEALTH 7/HEALTH 9-12

Health 7 meets twice a week for a year. High school level heath is full semester. Both courses view human wellbeing through the lens of a Biblical worldview. Students develop an understanding that spiritual, physical, and psychological brokenness is a result of the fall and are challenged to implement learned strategies for healthy holistic living in their spirit, soul, and body.

## FINE ARTS

## "The Christian is one whose imagination should soar beyond the stars."

Dr. Francis Schaeffer

## PHILOSOPHY

The study of fine arts encourages students to explore unique areas of giftedness, develop these talents, and use them as expressions of worshipping God. The visual arts enable students to develop motor skills and explore a variety of genres. The performing arts encourage personal responsibility, discipline, and leadership development while striving for common group goals.

UPPER SCHOOL SEQUENCE

| $6^{\text {th }}$ | $7^{\text {th }}-8^{\text {th }}$ | $9^{\text {th }}-12^{\text {th }}$ |
| :---: | :---: | :---: |
| REQUIRED: <br> Enroll in one of the following music courses: <br> - Band <br> - Chorus <br> - Strings <br> - Band/Chorus <br> - Strings/Chorus | Students may continue participation in an instrumental or vocal ensemble (or combination), or may opt to enroll in a guided study hall. | ELECTIVE: <br> Complete 1 unit of fine arts education prior to graduation. Each year-long course represents 1 unit. Select from the following: <br> - Concert Band <br> - Concert Choir <br> - Orchestral Strings <br> - AP Music Theory <br> - Foundations of Worship <br> - Worship Arts <br> - Studio Art <br> - Drama |

## BAND 6-8

Through participation in the Upper School Band program, students will: improve their musical technique and understanding, learn the theory and history of music, and perform at school and community concerts and festivals.

## CHORUS 6-8

Junior High Chorus is a mixed choir, open to all students who wish to participate. This course emphasizes basic music theory and musicianship, music history, and vocal production. Performance opportunities include in-school and off-campus venues.

## STRINGS 6-8

Students are introduced to stringed instruments during the upper elementary school years. Those who continue their study of strings while enrolled in junior high will gain experience and skill by playing in small ensembles as well as with the junior high band.

## CONCERT BAND 9-12

The instrumental music program strives to build students' musical abilities through performance, competition, and through the study of music theory, history, musicianship, and diverse musical styles. Participation in Concert Band is limited to students who have at least one year of experience with instrumental music. A minimum one-year commitment is required. Students will perform at school and have the opportunity to participate in ILMEA (Illinois Music Educators' Association) district and state competitions, IHSA (Illinois High School Association) Solo and Ensemble Contests, the ACSI (Association of Christian Schools International) Music Festival, and many other honors ensembles. Other noncredit ensemble opportunities include Pep Band and Jazz Band.

## CONCERT CHOIR 9-12

Concert Choir is a mixed choir open to all high school students who wish to participate. Students who enroll in Concert Choir should be
highly motivated and committed to yearlong participation. Emphasis is on theory and musicianship, music history, vocal health, and development of the voice. Students will perform at school and have the opportunity to participate in ILMEA (Illinois Music Educators' Association) district and state competitions, IHSA (Illinois High School Association) Solo and Ensemble Contests, the ACSI (Association of Christian Schools International) Music Festival, and many other honors ensembles.

## ORCHESTRAL STRINGS 9-12

Students may receive stringed instrumental instruction beginning in fifth grade. Students will perform at school and have the opportunity to participate in ILMEA (Illinois Music Educators' Association) district and state competitions, IHSA (Illinois High School Association) Solo and Ensemble Contests, the ACSI (Association of Christian Schools International) Music Festival, and many other honors ensembles.

## AP MUSIC THEORY

This course emphasizes the mechanics of music composition. This year-long class provides solid preparation for students desiring to study music at the college level. It is also an opportunity for students who take independent music lessons to gain a deeper understanding of the structure of music. Participants may register for the corresponding AP exam.
Key Text: Musician's Guide to Theory and Analysis (3 ${ }^{r d}$ Edition), Clendenning and Marvin

## DRAMA

In this year-long course, students will study play production and performance and review all aspects of physical acting: blocking, voice preparation, diction, articulation, and projection. This course introduces students to internal and external acting principles, theatre history, as well
as play and character analysis. Technical theater is reviewed through various productions.

## Key Text:

## FOUNDATIONS OF WORSHIP

This course is designed to help students understand worship as a lifestyle in the context of Christian discipleship. Students are challenged by Scripture, a variety of texts and articles, and vibrant discussions that all help to shape their minds and hearts in preparation to lead other students in worship. This course is a required prerequisite for enrollment in Worship Arts.
Key Text: Worship Matters by B. Kauflin

## WORSHIP ARTS

The objective of this class is to develop musicianship and leadership skills for the purpose of leading others in worship. Studies focus on spiritual growth, elements of worship, and leadership styles. Participants prepare and lead weekly chapel services. Student leaders must interview and complete a musical audition. Prerequisite: Foundations of Worship

## ART 6

This course will provide an in-depth discussion of the elements of art and principles of design. Students will be challenged to develop technical methods including drawing, painting, and sculpture. Students will also be introduced to a variety of other medium.

## STUDIO ART

This course will provide an in-depth study of the elements of art and principles of design. Students will be challenged to develop technical methods including drawing, painting, and sculpture. Students will also be introduced to a variety of other media.

# PRACTICAL ARTS 

## "We work with our own hands."

1 Corinthians 4:12a

## PHILOSOPHY

All knowledge is of God and can be used for His glory. Technology is a tool that allows students to be efficient and accurate in analyzing and communicating in the information age. The exploration of technology and its various uses results in practical vocational skills and a greater appreciation for Godinspired knowledge.

## UPPER SCHOOL SEQUENCE

| $\mathbf{6}^{\text {th }}$ | $\mathbf{7}^{\text {th }}$ | $\mathbf{8}^{\text {th }}$ | $\mathbf{9}^{\text {th }}-12^{\text {th }}$ |
| :---: | :---: | :---: | :---: |
|  |  |  | Technology <br> Overview |
| STEAM <br> Education | Technology 1 | Technology 2 | ILRS |
| Computer <br> Science |  |  |  |

## PRACTICAL ARTS 6: STEAM EDUCATION

STEAM Education is an approach to learning that uses science, technology, engineering, the arts and mathematics as access points for guiding student inquiry, dialogue, and critical thinking. Students will use this method of thinking to explore problems through the engineering design process.

## PRACTICAL ARTS 7: TECHNOLOGY 1

This course reviews and practices basic keyboarding skills. Students will increase speed and accuracy through timed typing tests. Students are instructed in the practical utilization of the Microsoft Office suite of applications. Students will use Microsoft Word to create a variety of digital products. Students will be introduced to the use of Microsoft Excel for calculating and graphing purposes. In addition, this course explores the components of a computer and how they work. Students will be introduced to computer programming. Digital citizenship and good stewardship principles are taught and emphasized as students use technological tools.

Key resources: www.typing.com; www.code.org; www.commonsensemedia.org

## PRACTICAL ARTS 8: TECHNOLOGY 2

In this course, students are trained to use advanced technological tools which may include Photoshop, 3D printing and design software, and computer coding software. Students will practice keyboarding skills to increase their typing speed and accuracy. A financial unit will provide students with the opportunity to learn and practice sound money-management skills. Digital citizenship and good stewardship principles are taught and emphasized as students use technological tools. This course equips $8^{\text {th }}$ graders to identify information research goals. Students will seek, use and assemble relevant, credible information. Students will edit, reflect, and evaluate their work. They will develop skills to aid them in becoming efficient and ethical consumers and communicators of information.

Key resources: www.tinkercad.com;
www.typing.com; www.code.org;
https://teachbanzai.com/;
www.commonsensemedia.org

PRACTICAL ARTS 9-12: TECHNOLOGY OVERVIEW
This course is designed to prepare students to skillfully utilize digital resources in their college and career pursuits. Students will be challenged to create documents with tables and complex layouts, spreadsheets with formulas and graphs, and relational databases with forms, queries, and reports. Students will learn advanced Photoshop skills and graphic design techniques to create images, posters, and other products.
Key Texts: Various on-line tutorials

