

# HERITAGE CHRISTIAN SCHOOL

2014 – 2015

## Middle School and High School Curriculum Guide



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# SIXTH GRADE CURRICULUM

## **BIBLE**

Students go on an incredible journey of all 66 books of the Bible. The students explore the history of the earth from beginning to end--including the future. Bible classes are based on the study of The Holy Bible in the New International Version or the King James Version.

Textbook: Positive Action: *Route 66: Travel through the Bible*

## **ENGLISH LANGUAGE ARTS**

Students will learn and practice elements and types of Fiction, Nonfiction, Poetry, Folk Literature, & Drama. Various Reading Skills like making predictions, fact and opinion, making inferences, drawing conclusions, main idea, context clues, cause-and-effect, comparing and contrasting, summarizing, paraphrasing, informational reading, recognizing propaganda techniques, following instructions, and evaluating evidence. Literary Analysis include parts of plot, point of view, author's perspective, author's purpose, author's style, mood, tone, symbolism, theme, setting, conflict and resolution, personification, flashback and foreshadowing, characterization, characters' motives, various types of essays, figurative language, rhythm and rhyme, sound devices, dialogue, and stage directions.

- Vocabulary: prefixes, suffixes, roots, connotation, denotation, homophones, words with multiple meanings, idioms.
- Grammar: 8 parts of speech, correct punctuation and capitalization, various sentence structures.
- Writing: The 5 step writing process is used to write the following: personal narrative, realistic short story, rhymed poetry, persuasive essay, letter to an author, thank you letter, essay for ACSI Creative Writing Festival. Listening and Speaking: book talks, oral reports, and the annual ACSI Speech Meet.

Students are assessed through written work, verbal and written projects, quizzes, and tests. Biblical truths are woven throughout the curriculum and class discussions. Through a Biblical worldview, students are shown how the Bible can be applied to real-life situations.

Textbooks and Additional Readings:

- Prentice Hall--Writing Coach Grade 6
- Prentice Hall--Literature: Language and Literacy Grade 6
- Novels
  - The Watsons Go to Birmingham (Historical Fiction, Newbery Honor Book-1996)
  - The Lion, the Witch, and the Wardrobe (Christian Fiction)
  - Freak the Mighty (Realistic Fiction)-Literature Circles
  - Where the Red Fern Grows (Realistic Fiction)- Literature Circles
  - The Bridge to Terabithia (Realistic Fiction)- Literature Circles

## **MATH**

This course covers and practices these key concepts: Integers, Measurements, Fractions & Number Theory, Decimals, Percents, Ratios, Proportions, Geometry, Algebra, Temperatures, Application of Statistics and Graphing and Probability. Students are assessed through successful completion of homework, quizzes, tests, and classroom activities, including an annual Pi Day project. Biblical integration is accomplished through a Christian-based text that integrates Biblical facts and truths into the math problems. Instructions to help students understand that mathematics is part of the truth and order that God has built into reality and existence

Textbook: ACSI Purposeful Design: *Mathematics 6*

## **HISTORY**

Students learn the history and geography of North and South America from a Christian perspective. This course looks at the cultures and geography of the Eastern Hemisphere, God's role in this history, and how these cultures shaped our present cultural society. They are assessed through successful completion of homework, quizzes and tests. Cooperative group work is a vital part of the classroom learning process. Each unit includes a project to emphasize key points. There are one to two unit projects per nine weeks in addition to homework. Students are encouraged to learn and understand the story of man has done with the time God has given them and see God's great handiwork throughout history.

Textbook: A Beka: *Old World History & Geography*

## **SCIENCE**

This course covers key concepts of Scientific Classification, Cell Processes, Heredity and Genetics, Periodic Table of the Elements, States of Matter, Fluids, Movement, Oceans, Rocks, Astronomy, Body Systems and Stewardship. Students are assessed through successful completion of homework, tests, labs and short reports. The curriculum embraces God's design and uses scripture as the foundation for science, examining science through a Biblical worldview. We use God's word (for example, Job 12:7-10) to inspire as scientific concepts are studied and supported by scripture, with the desire that students have transformed understanding to a Christian perspective on God's creation.

Textbooks and additional readings:

- ACSI Purposeful Design: *Choices*
- Videos

## **COMPUTERS**

In our new, fully equipped and up-to-date computer lab, sixth grade students will receive a non-technical introduction to the basics of computer technology and will learn the functions of the major components of a computer system and Microsoft Windows 7 operating system. They will learn about the Internet and how to guard their personal identity and remain safe while online. All middle school computer classes meet M-W-F for one nine-week grading period.

# SEVENTH GRADE CURRICULUM

## **BIBLE**

Students will engage in a scriptural study that studies Proverbs and far beyond. This course centers around “getting wisdom” in all areas of life. We focus on the difference between knowledge and wisdom -- God's wisdom. Bible classes are based on the study of The Holy Bible in the New International Version or the King James Version.

Textbook: Positive Action: *Wise Up! Wisdom in Proverbs Part 1*

## **ENGLISH LANGUAGE ARTS**

Elements and Types of Fiction, Nonfiction, Poetry, Folk Literature, and Drama are of primary focus. Students will learn and practice use of reading skills like making predictions, fact and opinion, making inferences, drawing conclusions, main idea, context clues, cause-and-effect, comparing and contrasting, summarizing, paraphrasing, informational reading, recognizing propaganda techniques, following instructions, and evaluating evidence. Students are challenged to Analyze Literature through parts of plot, point of view, author's perspective, author's purpose, author's style, mood, tone, symbolism, theme, setting, conflict and resolution, personification, flashback and foreshadowing, irony, characterization, characters' motives, various types of essays, figurative language, rhythm and rhyme, sound devices, dialogue, and stage directions.

- Vocabulary: prefixes, suffixes, roots, connotation, denotation, homophones, words with multiple meanings, idioms
- Grammar: 8 parts of speech, phrases and clauses, correct punctuation and capitalization, effective sentences
- Writing: The 5 step writing process is used to write the following: personal narrative, science fiction short story, rhymed poetry, compare-and-contrast essay, op-ed piece, , letter of request, essay for ACSI Creative Writing Festival
- Listening and Speaking: book talks, oral reports, ACSI Speech Meet

Students are assessed through written work, verbal and written projects, quizzes, and tests. Biblical truths are woven throughout the curriculum and class discussions. Through a Biblical worldview, students are shown how the Bible can be applied to real-life situations.

Textbooks and Additional Readings:

- *Prentice Hall--Writing Coach Grade 7*
- *McDougal Littell--The Language of Literature Grade 7*
- *Novels*
  - *The Bronze Bow (Classic, Christian Historical Fiction, Newbery Medal-1962)*
  - *Roll of Thunder, Hear My Cry (Classic, Historical Fiction, Newbery Medal-1977)*
  - *The Mysterious Benedict Society (Fiction)-Literature Circles*
  - *From the Mixed-Up Files of Mrs. Basil E. Frankweiler (Realistic Fiction, Newbery Medal-1968)-Literature Circles*

## **MATH**

This course covers and practices these key concepts: Fractions, Decimals, Percents, Graphs, Plane and Solid Geometry, Number Sense and Number Theory, Expressions to Equations, Integers, Ratios, Proportions, Statistics, Pythagorean Rule, Equations and Inequalities, Rational Numbers, Coordinate System Scientific Notation. Students are assessed through successful completion of homework, quizzes, tests, and classroom activities, including Pi Day Projects. The Bible is applied through a Christian-based text that integrates Biblical facts and truths into the math problems. Students are taught that mathematics is part of the truth and order that God has built into reality and existence

Textbook: ACSI Purposeful Design: *Mathematics Intermediate Course A*

## **HISTORY**

This course journeys through time and civilization from creation through the early 21<sup>st</sup> century. The class explores the histories of Egypt, Greece, Rome and Europe, including the Middle Ages to the Reformation to the present. Students are assessed through successful completion of homework, quizzes and tests. Cooperative group work is a vital part of the classroom learning process. Each unit includes a project to emphasize key points. There are typically one or two unit projects per nine weeks in addition to homework. The textbook "History of the World" provides students with heroes to emulate and goals to fulfill by focusing on individuals whose character, creativity, initiative and hard work made a positive impact on the world. Students are also encouraged to see God's great handiwork throughout history.

Textbook: A Beka: *History of the World: in Christian Perspective*

## **LIFE SCIENCE**

This class explores Biblical Foundations of Life, Plants, Heredity and Genetics, The Nature of the Environment, Animal Kingdom, and Diversity. Students are assessed through successful completion of homework, quizzes, tests, labs, and reports. The Bible is integrated through use of a Christian textbook. This class identifies Bible references supporting the truths found in scientific discovery, and will discuss God's handiwork in creation. The class work interprets concepts through Biblical lenses. The guiding scripture for this course is Job 12:7-10, "But ask the animals, and they will teach you, or the birds in the sky, and they will tell you; or speak to the earth, and it will teach you, or let the fish in the sea inform you. Which of all these does not know that the hand of the Lord has done this? In his hand is the life of every creature and the breath of all mankind".

Textbook and additional materials:

- Bob Jones University Press: *Life Science*
- Videos

## **COMPUTERS**

In our new, fully equipped and up-to-date computer lab, seventh grade students will gain skills on office productivity software that will help them be successful students in high school and college. They will learn how to format a short research paper, generate graphs, edit graphics and create a presentation. The proper use of the Internet in research will be stressed. Students will be taught to avoid "cut-and-paste plagiarism" in their own schoolwork.

# EIGHTH GRADE CURRICULUM

## **BIBLE**

Students will encounter a variety of biblical, character development concepts so that they will learn how to apply scripture faithfully and directly to everyday reality. Bible classes are based on the study of The Holy Bible in the New International Version or the King James Version.

Textbook: Positive Action: *Wise Up!" Wisdom in Proverbs Part II*

## **ENGLISH LANGUAGE ARTS**

Students will learn and practice Elements and Types of Fiction, Nonfiction, Poetry, Folk Literature, and Drama. Students will learn and practice use of reading skills like making predictions, fact and opinion, making inferences, drawing conclusions, main idea, context clues, cause-and-effect, comparing and contrasting, summarizing, paraphrasing, informational reading, recognizing propaganda techniques, following instructions, and evaluating evidence. Students are challenged to Analyze Literature through parts of plot, point of view, author's perspective, author's purpose, author's style, mood, tone, symbolism, theme, setting, conflict and resolution, personification, flashback and foreshadowing, irony, characterization, characters' motives, various types of essays, figurative language, rhythm and rhyme, sound devices, dialogue, and stage directions.

- Vocabulary: prefixes, suffixes, roots, connotation, denotation, homophones, words with multiple meanings, idioms
- Grammar: 8 parts of speech, clauses and phrases, correct punctuation and capitalization, various sentence structures
- Writing: The 5 step writing process is used to write the following: personal narrative, tall tale, rhymed poetry, cause-and-effect essay, editorial, research report, essay for ACSI Creative Writing Festival
- Listening and Speaking: book talks, oral reports, ACSI Speech Meet

Students are assessed through written work, verbal and written projects, quizzes, and tests. Biblical truths are woven throughout the curriculum and class discussions. Through a Biblical worldview, students are shown how the Bible can be applied to real-life situations.

Textbooks and Additional Readings:

- Prentice Hall--Writing Coach Grade 8
- Prentice Hall--Literature: Language and Literacy Grade 8
- Novels
  - The Hiding Place (Christian Historical Nonfiction)
  - Johnny Tremain (Classic, Historical Fiction, Newbery Medal-1944)
  - The Adventures of Tom Sawyer (Classic)
  - Out of the Dust (Historical Fiction, Newbery Medal-1998)-Literature Circles
  - Walk Two Moons (Realistic Fiction, Newbery Medal-1995)-Literature Circles
  - Amos Fortune, Freeman (Historical Fiction, Newbery Medal-1951)-Literature Circles

## **MATH**

Students learn and practice the following key concepts: Algebra, Scientific Notation, Graphs, Geometry, Probability, Statistics, Pythagorean Rule, Integers, Rational Numbers, Ratios, Proportions, Percents, Equations and Inequalities, Linear Equations and Polynomials. Students are assessed through successful completion of homework, quizzes, tests, classroom activities, including Pi Day Projects. Bible truths are incorporated through using a Christian-based text that integrates Biblical facts and truths into the math problems. Students are taught that mathematics is part of the truth and order that God has built into reality and existence.

Textbook: ACSI Purposeful Design: *Mathematics Intermediate Course B*

## **HISTORY**

This class studies the history of America from the 1490s to the 21<sup>st</sup> century with special emphasis on the personalities and events that shaped American character. Students are assessed through successful completion of homework, quizzes and tests. Cooperative group work is a vital part of the classroom learning process. Each unit includes a project to emphasize key points. There are one to two unit projects per nine weeks in addition to homework. Through the story of America's rise to greatness, students will learn to recognize the hand of God in history and to appreciate the influence of Christianity in our government. The coursework also prepares students for the annual 8<sup>th</sup> grade trip to Washington, D.C.

Textbook: A Beka: *America, Land I Love*

## **EARTH AND SPACE SCIENCES**

This course covers Christian Foundations, Sun, Moon, Stars, Planets, Asteroids, Rocketry, Earth's Atmosphere, Lithosphere, Hydrosphere, Rocks and Minerals, and Weather. Students are assessed through successful completion of homework and tests, as well as current events projects, mini-research projects and a Science Fair Project. Biblical truth is integrated in discussions about God's judgment over the universe and God's redemption of the world through Christ, and discusses Biblical accuracy about the age of the earth and the historical accuracy of the Bible. Students are encouraged to interpret observation through Biblical lenses using Psalm 19:1, "The heavens declare the glory of God, and the sky above proclaims his handiwork," as a key scripture.

Textbook: Bob Jones University Press: *Earth and Space Science*

## **COMPUTERS**

In our new, fully equipped and up-to-date computer lab, eighth grade students will learn about the variety of career opportunities in the field of information technology. Internet safety and healthy social networking practices will be examined. They will also be introduced to selected material covered in the high school basic and advanced computer classes.

# BIBLE COURSES – HIGH SCHOOL

## **BIBLE 9**

This course covers the history and inspiration of the Bible, how to study and interpret the Bible, identifying and understanding the attributes of God, and developing personal application of the Word. Assessments include workbook assignments and projects, quiet time journals, tests and quizzes, and memorization of scripture.

Textbooks and Additional Readings:

- Mastering Bible Study Skills (ACSI)
- Let God Be God (ACSI)
- ACSI Purposeful Design: *Mastering Bible Study Skills*

## **BIBLE 10**

This course surveys all the books of the New Testament. Background, context, author, theme, and audience will be discussed. Key verses from each book of the New Testament also will be studied. Additional enrichment activities will be included to enhance the workbook.

Textbook: ACSI Purposeful Design: *Connecting With God – New Testament Survey*

## **BIBLE 11**

High school students make major decisions concerning their future. This class teaches students to choose a career based on principles in God's Word and not necessarily on money, interests or other cultural influences. The goal is for students to think about their futures in a different way than the world and to feel confident about their futures.

Textbook: ACSI Purposeful Design: *Life Shaping Designs: Applying God's Word to Career Planning*

## **BIBLE 12**

The senior Bible class examines the six major competing worldviews of our day and time. The goal is to assist the students in gaining a better understanding of the differences between a Biblical Christian worldview and the Secular, Marxist, New Age, Postmodern, and Islamic worldviews that are so prevalent today. With a better understanding of their own worldview and those worldviews in opposition to the Bible, the student will then be better equipped to "...be ready always to give an answer to every man that asketh you a reason of the hope that is in you with meekness and fear..." (I Peter 3:15)

Textbook: ACSI & Summit: *Understanding the Times*



# ENGLISH, LITERATURE, AND SPEECH – HIGH SCHOOL

## **ENGLISH 9 LITERATURE AND COMPOSITION**

This course helps students become familiar with the writing process and confident using it. Students will learn and practice skills to: paraphrase accurately; craft a thesis-driven five-paragraph essay using the writing process and analyzing various literary elements; be confident in spelling, grammar, writing and literary analysis skills; identify and use basic literary terms, devices and grammar conventions; analyze a literary work for characterization and theme; identify and use elements of short story, drama, poetry, and nonfiction genres; become increasingly successful on spelling tests; consider oneself a reader; develop a biblical sense of justice; allow literary works' themes to affect them. Students are assessed using a combination of traditional tests, hands-on projects, and writing projects. Students are required to assess ideas and themes they encounter in light of biblical truth. They are also challenged to ask what action their knowledge requires of them, as followers of Christ in a fallen world.

Textbooks:

Prentice Hall: *Literature Grade 9*

Prentice Hall: *Writing and Grammar Gold Level*

## **ENGLISH 10 WORLD LITERATURE**

Students will learn and practice skills to be confident using the writing process to craft clear, concise analyses and research essays; to make use of the writing process to craft clear, concise 5-paragraph literary analyses; to paraphrase and summarize accurately; to be confident in spelling, grammar, writing and literary analysis skills; to learn to use the Socratic Seminar method; to make use of cultural and historical information to better understand literature; to develop and become confident in standardized-test taking skills; to identify and use elements of nonfiction, drama, poetry, fiction, and the purpose of each; to develop group decision-making skills in research, presentation, planning and implementation; to develop research and MLA style skills; to consider oneself a reader; to develop a sense of global personal responsibility; and to allow a work's theme to affect them. Students are assessed using a combination of traditional tests, hands-on projects, and writing projects. Students are required to assess ideas and themes they encounter in light of biblical truth. They are also challenged to ask what action their knowledge requires of them, as followers of Christ in a fallen world.

Textbooks:

Prentice Hall: *Literature Grade 10*

Prentice Hall: *Writing and Grammar Platinum Level*

## **ENGLISH 11 AMERICAN LITERATURE**

This course is designed to help students develop in the following areas: advanced research skills; a maturity of writing style, organization, documentation and analysis beyond the 5-paragraph essay; use the writing process to craft a clear, concise and convincing essay supported by hefty research and accurately documented in MLA style; write literary analyses of considerable depth with little guidance; respond to literature through informal writing; confidently use the Socratic Seminar method; visualize and understand the connections between the progression of history, culture, literature and society; identify and analyze characteristics of historical literary periods and their respective purposes and pros and cons; identify and analyze the influence of the time period and culture on an author's work; identify and analyze an author's purpose, argument and use of different types of appeal; allow the themes of literary works to influence their thinking and view canon literature as pertinent to today. Students are assessed using a combination of traditional tests, hands-on projects, and writing projects. Students are required to assess ideas and themes they encounter in light of biblical truth. They are also challenged to ask what action their knowledge requires of them, as followers of Christ in a fallen world.

Textbooks:

Prentice Hall: *The American Experience*  
Prentice Hall: *Writing and Grammar Ruby Level*

## **ENGLISH 12 BRITISH LITERATURE**

This course is designed to help students develop in the following areas: analyze the impact of culture, history and society on literature; use historical context to understand satire and its purpose; analyze the impact of culture, history and society on literature; use literary analysis skills with various literature and little teacher assistance; write literary analyses of considerable depth with little guidance; discover and analyze an author's philosophies through and purpose in writing a work; solidify research and writing skills while becoming accustomed to APA style; write a college-level scholarship or application essay; write an APA-style research report; become comfortable with college-style classes, assignments and assessments; and confidently use Socratic Seminar. Students are assessed using a combination of traditional and essay tests, hands-on projects, and writing projects. Students are required to assess ideas and themes they encounter in light of biblical truth. They are also challenged to ask what action their knowledge requires of them, as followers of Christ in a fallen world.

Textbooks:

Prentice Hall: *The British Tradition*  
Prentice Hall: *Writing and Grammar Diamond Level*

## **HIGH SCHOOL SPEECH**

This course helps students develop public speaking skills to present themselves as polished, comfortable, and knowledgeable; know and understand the basics of the communication process; effectively use audio-visual aids, engage confidently and professionally in a job or college interview; develop research and argumentation skills; develop an effective and convincing argument supported by accurate and documented research; engage confidently and credibly in a debate; and develop critical listening skills. Students are assessed using a combination of traditional tests and various types of speeches given to the class. They will present a variety of speeches, including introductory, personal narrative, informative, process, persuasive, and Lincoln-Douglas debate. Students are required to assess ideas and information they encounter, especially in their research, in light of biblical truth. They are also required to help develop godly confidence in themselves and in each other by being an encouraging audience member, critical listener, and clear presenter.

Textbook: Harcourt Brace: *Speech for Effective Communication*

# MATHEMATICS – HIGH SCHOOL

## **ALGEBRA I – GRADES 8, 9, 10**

Key concepts covered include the following: Variables; Properties of Real Numbers; Solve and Graph Linear Functions; Writing Linear Equations; Solve and Graph Linear Inequalities; Exponents and Exponential Functions; Quadratic and Polynomial Functions/Equations; Rational Equations; and Functions and Radicals. Students are assessed through successful completion of homework, quizzes and tests, including an Annual Pi Day Celebration and Career Day. Biblical truth is integrated through discussion and daily prayer.

Textbook: McDougal Littell: *Algebra 1*

## **GEOMETRY – GRADES 9, 10, 11, 12**

Key Concepts covered in this course are as follows: Formal Proofs; Parallel and Perpendicular Lines; Congruent Triangles; Quadrilaterals; Similar Polygons; Right Triangles and Trigonometry; Circles; Area of Polygons and Circles; and Surface Area and Volume. Students are assessed through successful completion of homework, quizzes and tests, including an Annual Pi Day Celebration and Career Day. Biblical truth is integrated through discussion and daily prayer.

Textbook: McDougal Littell: *Geometry*

## **ALGEBRA II – GRADES 10, 11, 12**

This course covers the algebraic concepts of the following: Equations; Inequalities; Linear Equations; Functions; Systems; Matrices; Determinants; Quadratic, Polynomial, Exponential, Logarithmic, and Rational Functions; Sequences and Series and Probability and Statistics. Students are assessed through successful completion of homework, quizzes and tests, including the Annual Pi Day Celebration and Career Day. The Bible is integrated into the classroom with discussion and daily prayer.

Textbook: McDougal Littell: *Algebra II*

## **TRIGONOMETRY / PRECALCULUS – GRADES 11, 12**

Key concepts in this course include the following: Topics from Algebra; Functions; Polynomial and Rational Functions; Exponential and Logarithmic Functions; Trigonometric Functions; Analytic Trigonometry; Applications of Trigonometry; Systems of Equations and Inequalities; Sequences; Series and Probability; and Analytic Geometry. Students are assessed through successful completion of homework, which is collected on day of test and checked. Homework becomes less of the overall grade as the year progresses, with tests becoming a larger portion of the final grade. Students will participate in the Annual Pi Day Celebration and Career Day. Biblical principles are incorporated through discussion as appropriate.

Textbook: PWS Publishing: *Precalculus, Functions and Graphs*

## **BUSINESS MATH – GRADE 12**

This course provides practical training, principles and practice in the following areas: Checking Accounts; Consumer Credit with Credit Cards; Investments; Income Taxes; Owning a Car; Home or Renting an Apartment; and Budgeting. Students are assessed through successful completion of homework, tests and projects. Quarterly projects include the following: College Cost Project, Credit Project, Stock Market Project and Car Ownership Project. The class includes Biblical discussion and prayer.

Textbook: South-Western Educational Publishing: *Mathematics of Money with Algebra*

## **CALCULUS – GRADE 12**

This course covers the following mathematical topics: Limits; Derivatives and application of derivatives; Integrals and application of definite integrals; Transcendental functions; Techniques of integration; Infinite series and parametric equations; and Polar coordinates. Students are assessed through successful completion of daily homework and periodic tests and an Annual Pi Day Celebration. The Bible is integrated in discussions of how great a creation the human mind is.

Textbook: PWS Publishing: *Calculus of a Single Variable*

# HISTORY AND GOVERNMENT COURSES – HIGH SCHOOL

## **CIVICS / GEOGRAPHY – GRADE 9**

This course covers both Civics and Geography in during the course of the year. Civics gives students an understanding of The Foundation of the American System; Declaration of Independence; The U.S. Constitution; and Post WWII – Cold War – The Fight Against Communism. Questions and projects are designed to help students have a greater appreciation and understanding of our nation’s system of government while being able to compare and contrast a Constitutional Republic with the governments of other nations. The Geography portion of the course reviews basic Map Reading Skills; and teaches Sources of Energy, Industry, Society; U.S. Geography; Persian Gulf Geography; Eastern Mediterranean Geography and Middle and South American Geography. Geography coursework will test map reading skills and geography knowledge. Students are assessed through successful completion of homework, quizzes, tests, and exams. Class discussion and textbook reading emphasizes the providence of God throughout the founding and establishing of our nation.

Textbooks and additional readings:

- Civics in Practice
- Bob Jones University Press: *Geography for Christian Schools*

## **AMERICAN HISTORY – GRADE 10**

This course covers Progressivism of the Early 20<sup>th</sup> Century; Expansion and WWI; The 1920s; The Great Depression/The New Deal; WWII; Cold War Politics; Civil Rights Struggle; and The Troubled Years – 1960 – 1980. Students are assessed through successful completion of homework, quizzes, chapter tests, and semester exams, including a focused study during the WWI chapter on the life and faith of Alvin York. This includes the viewing of the Gary Cooper classic “SGT. York.” Questions and projects are designed to help students gain a true appreciation of the blessings of liberty by understanding the accomplishments, failures, ideals and sacrifices of the many who have lived before them. The inclusion of the Holy Bible is essential to an understanding of U.S. history, as Biblical principles have guided many of our nation’s citizens.

Textbook: McGraw Hill/Glencoe: *American Odyssey – The 20<sup>th</sup> Century and Beyond*

## **AMERICAN GOVERNMENT – GRADE 11**

This course covers the following: Civic Life, Politics and Government; Foundations of the American System; The Constitution – History and Principles; The U.S. – Relationship to Other Nations and World Affairs; Personal Finances, Economic Challenges, The U.S. Economy and the World; and The Role of a Citizen in America. Students are assessed through successful completion of homework, quizzes, chapter tests, and semester exams, including a Constitution Project. Questions and projects are designed to help students understanding the great blessing of being a Constitutional Republic. Students will have an understanding of the importance of a moral, educated, involved citizenry to making our government system function correctly. The inclusion of the Holy Bible is essential to an understanding of U.S. history and government, as Biblical principles guided many of our nation’s founders. Students are encouraged to be active, selfless, responsible citizens of the land God has entrusted to us.

Textbook: Holt, Rinehart, Winston: Civics in Practice

## **ECONOMICS – GRADES 11 and 12**

This course covers The Economic System, Goods and Services, Economic Challenges, The U.S. Economy as well as World Economy, and Foundations in Personal Finance through materials by Dave Ramsey. Students are assessed based on successful completion of homework, workbook assignments, quizzes, tests, and exams. The Bible teaches us what our attitude should be toward our material possessions. The Free Market, Capitalism, and Profit are not anti-Christian teachings. Our relationship with Christ should be the guiding influence in all decisions we make in our lives...including economic decisions. The guiding scripture for this coursework is 1 Timothy 6:17-19 (KJV), "Charge them that are rich in this world, that they be not highminded, nor trust in uncertain riches, but in the living God, who giveth us richly all things to enjoy; That they do good, that they be rich in good works, ready to distribute, willing to communicate; Laying up in store for themselves a good foundation against the time to come, that they may lay hold on eternal life."

Textbooks:

- Civics in Practice – Principles of Government and Economics by Gregory I. Massing (2007 Holt, Rinehart and Winston)
- Foundations in Personal Finance (Workbook and DVD presentations) by Dave Ramsey (Lampo Press 2008)

## **WORLD HISTORY – GRADES 11 and 12**

This course covers the Foundations of History, the Eastern World (Including a section covering the rise of Islam), the Awakening World (Renaissance and Reformation), the Enlightened World (Age of Reason and Attempts at Liberty), the European World, and the Modern World. Students are assessed based on successful completion of homework, workbook assignments, quizzes, tests, and exams. The textbook used in the World History course is written from a Biblical perspective. Throughout the course, Biblical principles and teachings are integrated into the material. The guiding scripture for this course is Acts 17:26 (KJV), "(God) hath made of one blood all nations of men for to dwell on all the face of the earth, and hath determined the times before appointed, and the bounds of their habitation".

Textbook: World History (4th Edition) by Dennis Bollinger; Bob Jones University Press

# SCIENCE COURSES – HIGH SCHOOL

## **PHYSICAL SCIENCE – GRADE 9**

This course will help students gain understanding of the following concepts: Nature of Science; Physical Science Methods including Measurement and Graphing; Motion, Acceleration and Momentum; Energy; Machines; States and Classifications of Matter; Atomic Structure; Chemical Bonds and Reactions; Elements and Compounds; Acids, Bases, Salts; Waves and Sound; Light; Mirrors and Lenses; Electricity, Magnetism, Electronics, Radioactivity. Students are assessed through successful completion of homework and tests, along with labs and demonstrations, research, and reports. The course will relate Biblical truths and concepts to individual lessons. The guiding Scripture for this course is Job 26:7-12, “He spreads out the northern skies over empty space; he suspends the earth over nothing”.

Textbooks and additional readings:

- Merrill: *Physical Science*
- Articles, PowerPoints, and Videos

## **BIOLOGY – GRADE 10**

Key biological concepts are discussed and learned, with hands-on application through labs: Biology, the Study of Life; Kingdoms Monera, Protista, Fungi; The Chemistry of Life; The Cell and Cellular Reproduction; Genetics; Evolution - Part-Scientific Theory, Part Unconfirmed Hypothesis; Ecosystems; The Invertebrates of Kingdom Animalia; Phylums Arthropoda and Chordata; Kingdom Plantae: Anatomy and Classification; Kingdom Plantae: Physiology and Reproduction; and Reptiles, Birds and Mammals. Students are assessed through successful completion of laboratories, quizzes and tests, including laboratory dissection. This class discusses the complexities and diversity of life and how it is not possible that time and chance made something from nothing.

Textbook: Bob Jones University Press: *Biology for Christian Schools*

## **HEALTH AND NUTRITION – GRADES 10, 11, 12**

This course gives students practical and biblical guidelines on the following subjects: Choosing Wellness; The World of Food; Food and Kitchen Safety; Food and Your Body; Nutrition for Life; Smart Food Choices; From Kitchen to Table; Learning about Food Groups; Combination Foods. Students are assessed through successful completion of quizzes and tests. In addition, this class will include field trip(s), and a research paper that will require diet and physical education charting. The Bible is incorporated into this course as we discuss principles for good health, including discussion of Old Testament guidelines.

Textbook: Glencoe Publishing: *Food, Nutrition and Wellness*

## **ENVIRONMENTAL SCIENCE – GRADES 11 and 12**

This course helps students understand the following key concepts: Science and the Environment; Tools of Environmental Science; The Dynamic Earth; The Organization of Life; How Ecosystems Work; Biomes; Aquatic Ecosystems; Understanding Populations and The Human Population; Biodiversity; Water, Air, Atmosphere and Climate Change; Land, Food and Agriculture; Mining and Mining Resources; Renewable Energy; Waste; Environment and Human Health; and Economics, Politics, and the Future. Students are assessed through successful completion of quizzes and tests. The Bible is integrated using the scripture to refute the Theory of Evolution.

Textbook: Holt, Rinehart and Winston: *Environmental Science*

## **CHEMISTRY – GRADE 11**

This course covers the following key concepts: Measurement and Units; Energy, Heat and Temperature; Atoms and Molecules; Classifying Matter and Its Changes; Counting Atoms and Molecules in Chemical Equations; Stoichiometry; Atomic Structure and Molecular Structure; Polyatomic Ions and Molecular Geometry; Acid/Base Chemistry; The Chemistry of Solutions; The Gas Phase; Thermodynamics; Kinetics; Chemical Equilibrium; and Reduction/Oxidation Reactions. Students are assessed through successful completion of quizzes and tests, as well as studying and problem-solving in class and weekly lab experiments. Biblical truth is integrated in discussions about chemistry's precision and complexity as a reflection of God.

Textbook: Glencoe: *Chemistry Concepts and Applications*

## **HUMAN ANATOMY AND PHYSIOLOGY – GRADE 12**

This course covers the following key concepts: Body as a Whole: Organization, Chemical Basis, Cell Physiology and Tissues; Support and Movement: Skin and Appendages, Skeletal Tissues, Skeletal System, Articulations, Anatomy and Physiology of Muscular System; Communication, Control and Integration: Nervous System Cells, Central and Peripheral Nervous System, Sense Organs, Endocrine System; Transportation and Defense: Blood, Anatomy and Physiology of the Cardiovascular System, Lymphatic System, Immune System and Stress; Respiratory Nutrition and Excretion: Anatomy and Physiology of the Respiratory System and the Digestive System, Nutrition and Metabolism, Urinary System; Reproduction and Development: Chemical Balance, Acid/Base Balance; Male and Female Reproductive System; Growth and Development; and Genetics and Heredity. Students are assessed through successful completion of homework, tests, labs, and quizzes. The Bible is integrated as we highlight God's amazing design of the human body.

Textbook: Elsevier Science: *Anthony's Textbook of Anatomy and Physiology*



## **SOCIAL SCIENCE COURSES – HIGH SCHOOL**

### **PSYCHOLOGY**

This course studies the following concepts: What is Psychology?; Psychological Methods; Biology and Behavior; Sensation and Perception; Consciousness; Stress and Health; and Psychological Disorders. Students are assessed through successful completion of homework, quizzes, tests, and exams. Questions and projects are designed to help students obtain an understanding and appreciation of this “fearful and wonderful” creation that is the human body and mind. Comparisons and contrasts are drawn between the Secular Humanistic worldview and the Biblical Christian worldview. Students will discuss the theories and conclusions of psychologists compared with the truth of God’s Word, including an emphasis on guarding our minds from spiritual attack and temptation.

Textbook: Holt, Rinehart, Winston Psychology: *Principles in Practice*

### **SOCIOLOGY**

This coursework discuss the following aspects of Sociology: History and Now; Culture and Cultural Variation; American Value System; Groups Within Society; Agents of Socialization; and The Adolescent in Society. Students are assessed through successful completion of homework, quizzes, tests, and exams. This includes a project that involves examining advertising to find American values that are used to lure the audience into feeling good about using the product or service. Questions and projects are designed to help students obtain an understanding and appreciation of the connections all humans have with one another, along with understanding differences. Students are instructed to think critically about their approach to the social sciences. Contrasts are drawn between the Humanistic worldview and the Biblical Christian worldview.

Textbook: Holt, Rinehart, Winston Sociology: *The Study of Human Relationships*

## FOREIGN LANGUAGE COURSES – HIGH SCHOOL

### **SPANISH I – GRADE 9**

Students will learn basic grammar concepts and vocabulary in order to write, read, speak and understand spoken Spanish. Key concepts include: conjugating verbs in the present tense and introduction of the past tense; learning irregularities of the language, such as verbs with atypical conjugation; memorizing vocabulary covering a variety of topics from classroom objects, to household chores and favorite pastimes; and discussing interesting cultural information on different Spanish speaking countries. The students are assessed on key concepts through the following: quizzes at the halfway point of the chapter, chapter tests, pronunciation tests and some oral exams at varying times throughout the year. The midterm and final exam are comprehensive exams. All tests include at least two “listening” sections. There is also a project about a Spanish Speaking country, and a Family Tree Project. Use of games, various activities, interesting projects, and use of a classroom peso system are designed to encourage and motivate students as they learn. Biblical truth is integrated as students understand that God’s creation is unique and begin to appreciate its diversity.

Textbook: EMC Publishing: *¡Aventura! Level 1*

### **SPANISH II – GRADE 10**

This course will emphasize and encourage student progress in speaking, reading and writing in Spanish. The class will focus on grammar, including past tenses, commands, and subjunctive tense, present and past perfect tenses, and future and conditional tenses. We will practice vocabulary to build on previous year. Spanish is spoken often during class, and there are times when no English is spoken. This course emphasizes reading and writing paragraphs in Spanish, as well as reading complex sentences and writing opinions and information on various topics. Students will practice communicating in Spanish with each other and the teacher. Students will learn cultural information on a variety of topics and countries. Individuals are assessed through: quizzes at the halfway point of the chapter, chapter tests, pronunciation tests, a variety of projects, and some oral exams at varying times throughout the year. The midterm and final exam are comprehensive exams. All tests include at least two “listening” sections. The Bible is integrated through discussion about how God created all people in the world equal. No one is better than another, nor should we judge others.

Textbook: EMC Publishing: *¡Aventura! Level 2*

### **SPANISH III – GRADE 11**

This course focuses on using Spanish in reading and speaking. It includes enhanced vocabulary and topic discussion, and a review of major grammar points. The class also covers Spanish history, including Cortés and the conquering of what is now Central and South America. In addition, students will read short stories, poems and selections from famous Latin American writers, and will write original stories in Spanish. Students are assessed on key concepts through the following: quizzes at the halfway point of the chapter, chapter tests, and some oral exams. Students will complete various projects, including teaching HCS preschoolers during their Spanish Month. The midterm and final exam are comprehensive exams. All tests include at least two “listening” sections. The Bible is integrated as students see throughout literature and history, how the church and God has shaped the culture of the Spanish speaking countries.

Textbooks and additional readings:

- EMCPublishing: *¡Aventura! Level 3*
- Supplemental stories

### **SPANISH IV – GRADE 12**

This coursework is designed and adapted for those who wish to become fluent in Spanish. It focuses on areas of grammar needing correction, and on how to read, write and communicate on many different topics in Spanish. The students are assessed through the following: quizzes at the halfway point of the chapter, chapter tests, and some oral exams at varying times throughout the year. The midterm and final exam are comprehensive exams. All tests include at least two “listening” sections. Students also will have the opportunity to teach basic Spanish to one or more elementary classes, based on the class grade level. Many Biblical truths are taught throughout, in the readings and conversations. There is emphasis on transforming student understanding of the idea that our culture is not the only one God created, and that it is beneficial to know another language.

Textbooks and additional readings:

- EMCPublishing: *¡Aventura! Level 4*
- Many supplemental books for readings and activities

# COMPUTER TECHNOLOGY COURSES – HIGH SCHOOL

## **Basic Office Computing**

This class is a practical survey of computer and office technology in the workplace. The functions of the Microsoft Windows 7 operating systems and common office productivity software will be reviewed. The concepts of data storage, shared resources and security on office computer networks will be explained. Students will learn the appropriate limits of workplace computing in regards to email, Internet use, personal devices and social networking. The importance of guarding personal information will also be emphasized.

## **Advanced Computer I**

This course is a foundational technical study of personal computer (PC) technology. Students will learn about computer hardware, configuration, basic networking, operating systems, and printers. In this intensively hands-on class, students will learn to successfully troubleshoot, maintain and deploy PCs in a home or office environment. Safety and best practices of competent technicians will be stressed. The content of this course (along with Advanced Computer II) is mapped to the two Computer Technology Industry Association (CompTIA) A+ Certification exams. The goal is to provide a basic body of technical knowledge that will enable the successful student to competitively seek entry-level employment in the IT field, or pursue more advanced studies at a post-secondary institution. *HCS students can opt to sit for the official CompTIA certification exams (there is a testing fee), although it is NOT required to earn HCS credit for this class.*

## **Advanced Computer II**

Building on the skills acquired in the prerequisite Advanced Computer I, this class will develop basic technical competencies in setting-up, configuring and maintaining the Microsoft Windows XP, Windows Vista and Windows 7 operating systems. Students will learn to use troubleshooting tools available at the Command Prompt and through the Control Panel. Computer security, the use of mobile devices and various troubleshooting approaches will also be discussed. The content of this course (along with Advanced Computer I) is mapped to the two CompTIA A+ Certification exams.

Textbooks:

- Course Technology: *Practical Computer Literacy*
- CompTIA A+ Certification All-in-One Guide, 8<sup>th</sup> Ed.