



HERITAGE ACADEMY
A University-Model[®] School

Heritage Academy of Columbia

Course Catalog
2019-2020

Administrative Team

Mr. Erv Bales, Bookkeeper
Mrs. Angie Immel, Athletic Director
Mrs. Laura Gutwein, Academic Advisor
Mr. Thomas Ragsdell, Head of School
Miss Rebecca Reed, Administrative Assistant
Mr. Ben Schnipper, Director of Community Life
Mrs. Melissa Watson, Elementary Coordinator

Academic Committee

Mrs. Laura Gutwein, Academic Advisor
Mrs. Chris Moser, Communication Arts
Mr. Thomas Ragsdell, Head of School
Miss Rebecca Reed, Fine Arts

Foundations for Partnership (Family Manual, 10)

Both parent involvement and student cooperation are critical for Heritage Academy to successfully fulfill its mission, a mission which includes a vital spiritual element. Therefore, as a condition for admission to Heritage Academy, the parents of each student applying for admission must be in agreement with the school's Statement of Faith. Heritage Academy also regards the following guidelines as basic criteria for granting admission to families seeking partnership with the school.

Parent Affirmation

- Parents are committed to providing a home environment that reflects Biblical morality.
- Parents will agree with the school's purpose and spiritual objectives and be willing to abide by the school's rules and regulations.
- Parents will commit to having a parent in the home during at-home school days to affirm the value of family connectedness and parent-child discipleship, and to provide the structure, accountability, and support essential to effective University Model® education and as required by Heritage Academy's "Parent Roles" defined in the Family Manual.
- Parents will be committed to providing a complete and well-rounded education for their student(s), supplementing courses taken at Heritage Academy as necessary.
- Parents will be active members of a Christian church that is in keeping with Heritage Academy's Statement of Faith.
- Parents will agree with and support the school's procedures for handling student discipline.

- Parents will affirm that they have reviewed Heritage Academy’s Code of Conduct and Dress Code and agree to support enforcement thereof concerning their child/children at Heritage Academy.
- Parents will affirm that their child/children has/have reviewed Heritage Academy’s Code of Conduct and Dress Code and agree to abide by the standards contained therein.
- Parents will provide continually-updated immunization records for each enrolled child, before the first day of school. Parents agree to inform the school’s Administrator if any significant changes occur in relation to topics addressed above. Parents agree to prioritize attendance at informational and/or training sessions as offered by the school.

Student Affirmation

Students will affirm their commitment to the community by willingly submitting to Heritage Academy’s expectations and standards as exemplified in the academy’s Core Values.

Family Manual

Heritage Academy families may reference Heritage Academy's Family Manual to view policies pertaining to academics, extra-curricular opportunities, and daily operational procedures.

Parent Roles in the educational process

In a University-Model® School, parents commit to fulfill a specified role related to each course in which their student is enrolled, as prescribed by the course description. Each role identifies specific responsibilities that the teacher relies on the parent to perform, thus facilitating effective home/school partnership whereby students are assured of receiving needed support. In general, the assigned role will be one of the following:

Primary Teacher

At the primary level, Heritage Academy offers a University-Model half day program for K-2nd grades, plus enrichment opportunities in the afternoon for students who desire to develop practical and fine art skills. For students this age, parents remain fully responsible for partnering with the classroom teacher in providing core instruction – beginning with letter and number awareness and recognition, building basic literacy skills, reading comprehension, writing, and math reasoning, etc.

Private Tutor

Courses involving this role are made successful because each student has a private tutor (the parent) at home, who is willing and ready to assist. Parents will receive instructions from the classroom instructor outlining homework assignments, follow-up study/instruction over covered material, and any preparation or review needed for their child’s next class.

Guide for Dependent Study

This role will usually relate to parents with children in grades seven through ten. Many courses at this level will begin to cover subject matter that is unfamiliar to many parents. At the same time, the student is at a dependent age where disciplined study habits must be developed, not by parental force, but through positive encouragement and through the student's growing awareness of personal consequences. In order for these classes to be successful, the teacher is dependent upon the parents to ensure that their son or daughter keeps up with the course material and to communicate to the instructor any difficulties that should arise.

Guide to Independent Study

Academic courses at the eleventh and twelfth grade level will usually involve this role by the parent. The parent has the opportunity to monitor the independent schoolwork performed by the student while it is still possible to provide additional guidance if needed. Courses offered by Heritage Academy at this level will mimic that of a junior college program where independent study skills and disciplined planning for completing homework assignments are necessary.

Course Monitor

Some courses will involve equipment or expertise that necessitate that teaching be done in the classroom and leave little instruction for the parent at home. This role, therefore, will require the least amount of time by the parent, but its importance must not be understated. The primary responsibility of the parents is to track the progress of their son or daughter and to monitor how well they are doing. Parents need to show an active interest in their child's studies and should inform the instructor if problems develop.

Project Assistant

Parent involvement is needed, but not on a regular basis. This role is in many respects similar to that of the Course Monitor but will be needed one or more times during the semester for specific projects. Drama courses, for example, might involve additional help for student costuming, working on sets, etc.

Parent Coach

The role of the parent coach is to provide individual practice and instruction to their son or daughter at home. The head coach will organize the sport, direct team practices, and communicate to the parent coaches any information and directions concerning home practice.

Heritage Academy Course Index

BIBLE & WORLDVIEW (2 credits required for standard and advanced diploma)			
BWJH-01	Able Mind	1 semester	Junior High
BWHS-01	Critical Thinking	.5 credit hour	
BWHS-02	Apologetics	.5 credit hour	
BWHS-03	Introduction to Worldview	.5 credit hour	
BWHS-04	Hermeneutics	.5 credit hour	
BWHS-05	Old Testament Survey	.5 credit hour	
BWHS-06	New Testament Survey	.5 credit hour	
BWHS-07	Life of Christ	.5 credit hour	
BWHS-08	Kings of Israel	.5 credit hour	
LANGUAGE ARTS (4 credits required for standard and advanced diploma)			
LAJH-01	Junior High English 1: Grammar/Composition	2 semesters	Junior High
LAJH-02	Junior High English 2: Grammar/Composition	2 semesters	Junior High
LAHS-01	English 9 - English Composition 1	1 credit hour	
LAHS-02	English 10 - English Composition 2	1 credit hour	
LAHS-03	American Literature	1 credit hour	
LAHS-04	British Literature	1 credit hour	
MATHEMATICS (3 credits required for standard and 4 credits for advanced diploma)			
MATHJH-01	Pre-Algebra	2 semesters	Junior High
MATHJH-02	JH Math Course 3	2 semesters	Junior High
MATHHS01	Algebra 1	1 credit hour	
MATHHS02	Geometry	1 credit hour	
MATHHS03	Algebra 2	1 credit hour	
MATHHS04	Pre-Calculus	1 credit hour	
MATHHS05	Calculus	1 credit hour	Dual Credit eligible

MATHHS06	College Algebra	1 credit hour	Dual Credit eligible
SCIENCE (3 credits required for standard and 4 credits for advanced diploma)			
SCIJH-01	Earth Science	2 semesters	Junior High
SCIJH-02	Life Science	2 semesters	Junior High
SCIHS-01	Physical Science	1 credit hour	
SCIHS-02	Biology	1 credit hour	
SCIHS-03	Chemistry	1 credit hour	
SCIHS-04	Anatomy & Physiology	1 credit hour	Dual Credit eligible
SCIHS-05	Physics	1 credit hour	Dual Credit eligible
SCIHS-06	Health Science	.5 credit hour	Diploma Requirement
SOCIAL STUDIES (3 credits required for standard and 4 credits for advanced diploma)			
SOCJH-01	American Republic	2 semesters	Junior High
SOCJH-02	World Studies	2 semesters	Junior High
SOCHS-01	World History & Geography	1 credit hour	
SOCHS-02	US History	1 credit hour	
SOCHS-03	Economics	.5 credit hour	
SOCHS-04	Government	.5 credit hour	
SOCHS-05	Introduction to Philosophy	.5 credit hour	Dual Credit eligible
SOCHS-06	Non-Western Studies	1 credit hour	
WORLD LANGUAGES (1 credit required for standard and 2 credits for advanced diploma)			
WLHS-01	Spanish 1	1 credit hour	
WLHS-02	Spanish 2	1 credit hour	
	Rosetta Stone Language Program		
FINE ARTS / PRACTICAL ARTS			
FAJH-01	Junior High Art	1 semester	Junior High
FAJH-02	Junior High Music	1 semester	Junior High

FAHS-01	Art Appreciation	.5 credit hour	
FAHS-02	Music Appreciation	.5 credit hour	
FAHS-03	Concert Choir	.5 credit hour	
FAHS-04	Performance Theater	.5 credit hour	
PAHS-01	Personal Finance	.5 credit hour	Diploma Requirement
PAHS-02	Computer Applications	.5 credit hour	
PAHS-03	Accounting	.5 credit hour	
PAHS-04	Graphic Design	.5 credit hour	
PAHS-05	Year Book	.5 credit hour	
ELECTIVES (6 credits required for standard and 2 credits for advanced diploma)			
ELJH-01	Junior High Theater	1 semester	Junior High
ELJH-02	Junior High Study Skills	1 Semester	Junior High
ELJH-03	Junior High Communications	1 semester	Junior High
ELJH-04	Introduction to Debate	1 semester	Junior High
ELHS-01	Mythology	.5 credit hour	
ELHS-02	Career Explorations	.5 credit hour	
ELHS-03	Creative Communications	.5 credit hour	
ELHS-04	Ethics	.5 credit hour	
ELHS-05	Intro to Experiential Learning	.5 credit hour	
ELHS-06	Leadership	.5 credit hour	
ELHS-07	Logic	.5 credit hour	
ELHS-08	Sport in Society	.5 credit hour	
ELHS-09	Sports Ethics and Psychology	.5 credit hour	
ELHS-10	Women's Fitness	.5 credit hour	
ELHS-11	Strength and Conditioning	.5 credit hour	

Course Descriptions

Bible / Worldview

BWJH-01 Able Mind (1 Semester) — Junior High

Parent Role: Guide to dependent study Pre-requisite: Reading/writing at a 6th grade level.

Through a variety of activities including puzzles, projects, and incorporation of other junior high courses, students will investigate their own minds and explore a variety of learning strategies, critical thinking and test-taking skills, time management and organizational methods, mnemonic tools, and study methods for the sake of becoming more skilled and capable students. Some basic components of logic will also be introduced. Students will be encouraged to apply newly acquired skills in other courses, so that they might identify new strategies for learning and studying.

BWHS-01 Critical Thinking (1 Semester) — .5 credit hour

Parent Role: Guide to dependent study Pre-requisite: Able Mind

The structure and content of this course is intended to be interactive and exploratory in nature. With the guidance of a teacher, students will discuss and explore various philosophical ideas and practical tools and strategies that they may then use as anchors for approaching various puzzling scenarios. An Introductory Unit to the Course will invite students to consider the “why” behind the importance of Critical Thinking. Students will explore answers to the questions: What does it mean to be human? Am I the product of intention? If so, what is that intention? How can I become synchronized to it? Why would I want to become synchronized to it?

BWHS-02 Apologetics (1 Semester) — .5 credit hour

Parent Role: Guide to dependent study Pre-requisite: Critical Thinking

Students will examine the foundational beliefs of Christianity, including faith, the existence and nature of God, providence and free will, the Bible’s historical reliability, the life of Christ, salvation, and more. Students will also read contemporary Christian literature focusing on the application of Christian beliefs to everyday life.

BWHS-03 Introduction to Worldview (1 Semester) — .5 credit hour

Parent Role: Guide to Dependent study Pre-requisite: Critical Thinking

This course considers the foundational elements of a biblical worldview: creation, fall, and redemption. Along the way, a biblical worldview is applied to gender & family, government, science, history, and arts & culture. Non-biblical worldviews are also introduced, including the ideas of secular Humanism, Neo-Marxism, and Post-Modernism. Students will utilize critical thinking skills to compare and contrast various worldviews while strengthening their understanding of a biblical worldview.

BWHS-04 Hermeneutics (1 Semester) — .5 credit hour

Parent Role: Guide to Dependent study Pre-requisite: Critical Thinking

This course is a basic level course in the study of biblical interpretation. Students will become familiar with the Bible as literature, grow to appreciate the Bible as God’s authoritative word, and cultivate a dependency upon the Holy Spirit’s role in illuminating the word of God. Emphasis will be given to the development of general and specific hermeneutical principles. Our study will focus on

the history and development of these principles as well as their proper application to the biblical text.

BWHS-05 Old Testament Survey (1 Semester) — .5 credit hour

Parent Role: Interactive discussion

Pre-requisite: Critical Thinking

This is a survey course of literature in the Old Testament. Students will learn about the historical-cultural background of the literature of the Old Testament. Along the way, students will be guided to consider major motifs of theological significance. The Old Testament includes the Pentateuch, the Historical books, the Poetical/Wisdom books, and the Prophets. Students will learn about the traditional view and modern scholarship on the literature of the Old Testament.

BWHS-06 New Testament Survey (1 Semester) — .5 credit hour

Parent Role: Interactive discussion

Pre-requisite: Critical Thinking

This is a survey course of literature in the New Testament. Students will learn about the historical-cultural background of the literature of the New Testament. The New Testament includes the Gospels, Acts of the Apostles, Pauline Epistles, other letters and Revelation. Students will learn about both the traditional view and modern scholarship on the composition and context of the New Testament.

BWHS-07 Life of Christ (1 Semester) — .5 credit hour

Parent Role: Interactive discussion

Pre-requisite: Critical Thinking

Life of Christ will explore the historical background into which Jesus was born leading to a chronological study of His life from birth to His ascension. The learner will differentiate the historical events between the prophecy of Malachi and the birth of Jesus that are important for understanding the times in which Jesus lived. In addition, they will gain an understanding of the differences in Judaism as proscribed in the Old Testament and its practice during the life of Jesus. While distinguishing the factors that led to the “fullness of the time” for Jesus to be born, the learner will also realize the uniqueness of the Synoptic Gospels and the Gospel of John. Gaining basic knowledge of the stages of Jesus’ life and ministry is an essential goal of the course.

BWHS-08 Kings of Israel (1 Semester) .5 Credit Hour

Parent Role: Interactive Discussion

Pre-requisite: Critical Thinking

Students will learn tremendous lessons about God’s expectations for leaders. What does He love in a leader? What does He hate in a leader? In the accounts of the kings we see King Saul, driven by greed and paranoia, on murderous ventures to maintain his throne, but losing it all. Alongside him we see the future King David, hunted and in constant peril, yet so loyal that he refused prime opportunities to dispatch Saul and make himself king – called “a man after God’s own heart.” We see King Jeroboam reject a wonderful promise from God, lose his throne, and eventually doom his entire kingdom. On the other hand, we see King Jehoshaphat, believe God’s promise, and thereby defend his kingdom against three united armies of overwhelming superiority to his own troops, without sending a single soldier into battle! This course promises to be an exciting study in leadership that will include extensive Bible Study, in-class discussion, research, and the writing of one three-and-a-half to four-page paper.

Language Arts

LAJH-01 Junior High English 1 (2 semesters) Junior High Grammar & Composition I

Parent Role: Guide to dependent study

Pre-requisite: Writing sample for new students

The primary purpose of this course is to unveil the purpose of God's gift of language, unlock a love of learning, and instill within students an enthusiasm for writing. Students will study literature by theme to gain a working knowledge of literary terms and structures, concepts, and genres. Guided literary analysis will teach students how to critically evaluate various literary pieces, and formal instruction in writing will equip students to craft various types of paragraphs, short essays, and poems. Structured studies in vocabulary and grammar will also be included as part of this course.

LAJH-02 Junior High English 2 (2 Semesters) Junior High Grammar & Composition 2

Parent Role: Guide to dependent study

Pre-requisite: Junior High English 1

Building on the skills learned in Grammar & Composition I, Students read and analyze a variety of literary works for the purpose of identifying themes, characterization, plot, mood, and setting. A number of writing projects are also assigned to develop students' writing and analysis skills. Critical thinking and biblical application are emphasized. Vocabulary studies will also be included. A grammar workbook reviews the eight parts of speech and five basic sentence patterns and introduces participles, gerunds, and infinitives. Complete novels read will include *The Hiding Place* and *Dr. Jekyll and Mr. Hide*. All students must demonstrate good penmanship by writing legibly when completing class assignments.

LAHS-01 English 9th — (2 Semesters) — 1 Credit Hour English Composition 1

Parent Role: Guide to dependent study

Pre-requisite: Junior High English 2

This course is structured to provide students with formal instruction in grammar, literary analysis, vocabulary studies, and writing. Students will hone their understanding of more complex grammar structures and rules, read a variety of short stories, novels, essays, poems, devotional works, and reflective pieces, and be guided through a diverse number of writing assignments. Students will receive instruction in how to correctly insert parenthetical references into their writing and how to create a works cited page in keeping with MLA format. Student's will expand their vocabulary through learning vocabulary lists that are rooted in recognizing the meaning of specific prefixes, suffixes, and other word parts.

LAHS-02 English 10th — (2 Semesters) — 1 Credit Hour English Composition 2

Parent Role: Guide to dependent study

Pre-requisite: English 9

Students in this course will hone their writing skills by reading and analyzing a variety of poems, essays, short stories, novel excerpts, folk tales, and other prose fiction and nonfiction pieces. Formal instruction in writing and structured vocabulary studies will also be part of this course, with exploration of literary pieces serving as the launching pad for formal essay writing. Literary pieces in focus will include (but not be limited to) *Pride and Prejudice* by Jane Austen, *Macbeth* by Shakespeare, and *Cry, The Beloved Country* by Alan Patton.

LAHS-03 American Literature (2 Semesters) - 1 Credit Hour

Parent Role: Guide to dependent study

Pre-requisite: English 10

Students in this course will be exposed to broad variety of American Literature (essays, non-fiction, poetry, drama, and full-length novels) and receive instruction related to historical context, author background, literary structure and style, overarching themes, and worldview perspective. Students will further refine their skills for analysis and writing. Students will receive instruction for properly formatting references to outside sources in keeping with the MLA style of documentation. This course will also include structured vocabulary studies related to preparation for ACT College Entrance Exams. In addition to reading selected sermons, poems and shorts stories by Jonathan Edwards, Ralph Waldo Emerson, Henry Thoreau, Robert Frost, Annie Dillard, Flannery O'Conner, and other authors, students will also read several or all of the following complete works: The Autobiography of Benjamin Franklin, by Benjamin Franklin, *The Scarlet Letter*, by Nathanael Hawthorn, The Adventures of Huckleberry Finn, by Mark Twain, *The Pearl*, by John Steinbeck, *The Great Gatsby*, by Scott Fitzgerald (if time allows), and *Fahrenheit 451*, by Ray Bradbury.

LAHS-04 British Literature (2 Semesters) - 1 Credit Hour

Parent Role: Guide for dependent study

Pre-requisite: American Literature

The focus of this reading-and-writing-intensive course is to instill an understanding and appreciation of British literature. Students will continue to refine their vocabulary, composition, and analysis skills. Students will broaden their exposure to British literature through reading essays, fiction, poetry, drama, and full-length novels. The ability to organize and write multi-paragraph essays in a variety of modes, analyze literature, listen critically, and communicate ideas effectively is also emphasized. This course is designed to give students the literary background necessary for success in college. In addition to reading selected poems and shorts stories and portions of larger works, students will also read several or all of the following complete classics, selected to represent different periods of thinking and writing within British History: *Hamlet*, by Shakespeare, "Murder in the Cathedral," by T.S. Eliot, *A Tale of Two Cities*, by Charles Dickens, *Frankenstein*, by Mary Shelley, and *Perelandra*, by C.S. Lewis.

Mathematics

MATHJH-01 Pre-Algebra (2 Semesters) — Junior High

Parent Role: Guide for Dependent Study Pre-requisite: Sixth Grade Mathematics.

This course bridges arithmetic to the abstract concepts of Algebra utilizing the Glencoe Pre-Algebra textbook. Topics such as fractions, mixed numbers, decimals, and operations with real numbers will be continued while the beginning concepts of Algebra will be introduced. These will include variables and expressions, equations and inequalities, operations with integers, and functions and graphing.

MATHJH-02 JH Math Course 3 (2 Semesters) – Junior High

Parent Role: Guide for Dependent Study Pre-requisites: Pre-Algebra

This course bridges arithmetic to the abstract concepts of Algebra utilizing the Glencoe Course 3 textbook. Topics such as fractions, mixed numbers, decimals, and operations with real numbers will be continued while the beginning concepts of Algebra will be introduced. These will include variables and expressions, equations and inequalities, operations with integers, and functions and graphing.

MATHHS-01 Algebra (2 Semesters) — 1 Credit Hour

Parent Role: Guide for Dependent Study Pre-requisites: Pre-Algebra

This course will include the study of rational number properties, variables, polynomials, and factoring. Students will learn to write, solve, and graph linear and quadratic equations and to solve systems of equations. They will also learn to model real-world applications, including statistics and probability investigations. This course will provide a solid foundation for further study in mathematics by helping students develop computational, procedural, and problem-solving skills.

MATHHS-02 Geometry (2 Semesters) — 1 Credit Hour

Parent Role: Guide for Dependent Study Pre-requisite: Successful completion of Algebra 1.

This course will provide students with instruction related to two- and three-dimensional geometric figures, including lines, angles, triangles, quadrilaterals, circles, pyramids, and cylinders. This course will require students apply algebraic knowledge and skills to geometric problem-solving, thus strengthening students' abilities to formulate and analyze problems. Mastery of these concepts will build a strong foundation for logical thinking and problem-solving that will enable students to logically approach situations which occur in mathematics and also in daily life. Students will learn how to structure formal proofs through the use of deductive reasoning based on theorems and postulates.

MATHHS-03 Algebra 2 (2 Semesters) — 1 Credit Hour

Parent Role: Guide for Independent Study Pre-requisites: Algebra 1.

This course is a continuation of concepts presented in Algebra I and provides the basis for pre-calculus and calculus courses later in the math sequence. Algebra II introduces polynomials, quadratic functions, conic sections, exponential and logarithmic relations, sequences, series, probability and statistics.

MATHHS-04 Pre-Calculus (2 Semesters) — 1 Credit Hour

Parent Role: Guide to Independent study Pre-requisite: Successful completion of Algebra 2.

This Pre-Calculus course will provide students with the necessary background information and skills they will need to be successful in Calculus. Concepts covered include advanced algebra and graphing, trigonometry, sequences, and series. These topics will be covered on a level where it is

hoped that students are able to synthesize these concepts and deepen their understanding of mathematics.

MATHHS-05 Calculus (2 Semesters) — 1 Credit Hour

Parent Role: Guide to Independent study Pre-requisite: Pre-Calculus.

Dual Credit eligible

Calculus 1 is the first course of a typical three semester sequence of college-level Calculus with Analytical Geometry. The concepts covered include algebraic and transcendental functions, rates of change, limits and continuity, differentiations of algebraic, trigonometric, exponential, and logarithmic functions, differentials, applications of differentiation, definite and indefinite integrals, area between curves, volumes and other applications of integration, indeterminate forms, and L'Hopital's Rule.

MATHHS-06 College Algebra (2 Semesters) 1 Credit Hour

Parent Role: Guide to independent study Pre-requisite: Algebra 1, Geometry, and Algebra 2

College Algebra ensures that college students who are going on to higher mathematics have all the algebra background that they will need. Topics to be covered include: Fundamental concepts of algebra, solving equations and inequalities by a variety of methods, functions and operations on functions, coordinate geometry and the graphing of functions, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities, and conic sections.

Science

SCIJH-01 Earth Science (2 Semesters) Junior high

Parent Role: Guide to dependent study

Pre-requisite: Reading/writing at the 6th-grade level.

This is an introductory science course. It includes fundamental concepts for understanding science and scientific investigation. Student will survey the physical (non-living) universe in four major divisions: the celestial sphere (astronomy), the atmosphere (meteorology), the lithosphere (geology), and the hydrosphere (oceanography). A variety of activities will help students to recognize cause-and-effect relationships and to think critically regarding God's creation. Students will learn to analyze scientific information, consider important questions regarding the topics studied, and apply acquired knowledge in problem-solving activities and scientific experiments. All materials will affirm the young-Earth and creationist views of earth's history.

SCIJH-02 Life Science (2 Semesters) Junior High

Parent Role: Guide to dependent study

Pre-requisite: Reading/writing at the 6th-grade level.

Students will gain an overview of science and its relationship to the Word of God by studying the life processes of organisms, genetics, and the origins of life from a Biblical perspective. Introduction to microbiology, plant biology, zoology and ecosystems will be included.

SCIHS-01 Physical Science (2 Semesters) 1 Credit Hour

Parent Role: Guide to dependent study

Pre-requisite: Junior High Science

This course will provide an introduction to the physical sciences. The study of matter will address classification, description, measurement, and chemistry. The study of motion will address both mechanics and waves. The study of energy will examine electrical energy, magnetic energy, sound, and light. Correct use of the metric system and the scientific method are foundational and will build upon junior high experiences.

SCIHS-02 Biology (2 Semesters) 1 Credit Hour

Parent Role: Guide for dependent or independent study depending on student.

Pre-requisite: Physical Science and Algebra 1.

This course introduces students to God's diverse, yet orderly creation. Students will study biology from a creationist viewpoint. They will be introduced to cellular biology, genetics, taxonomy, microbiology, botany, zoology, ecology, and human anatomy. An emphasis on labs and experiments will give students experience with microscopes and dissections. Students will present lab results using formal lab write-ups.

SCIHS-03 Chemistry (2 Semesters) 1 Credit Hour

Parent Role: Guide to dependent study

Pre-requisite: Physical Science and Algebra I.

Students will explore the theoretical and mathematical basis for chemistry from a Christian worldview. Material in focus will include nomenclature, significant figures, units, classification, the mole concept, stoichiometry, thermochemistry, thermodynamics, kinetics, acids and bases, redox reactions, solutions, atomic structure, Lewis structures, molecular geometry, the gas laws, and equilibrium. Labs in this course will include some specialized equipment.

SCIHS-04 Anatomy & Physiology (2 Semesters) 1 Credit Hour

Parent Role: Guide to independent study Pre-requisite: Students must be in eleventh or twelfth grade and have satisfactorily completed high-school-level biology and chemistry courses.

Dual credit eligible

The overall purpose of this course is to refine skills in observation, recording, and drawing logical and useful conclusions from collected data. Successful students will: (1) Review and apply previously presented concepts related to cell structure and function, identification and classification of living organisms, basic genetics, and cellular reproduction; (2) Identify and describe the components of a native Missouri ecosystem, compare various theories regarding the origins and diversity of life on earth, describe the basic anatomy and function of selected plant and animal systems, and compare and contrast the basic structure and function of typical organisms from each of the five biological kingdoms.

SCIHS-05 Physics (2 Semesters) 1 Credit Hour

Parental Role: Guide for independent study Prerequisites: Algebra 1, Geometry, basic Trigonometry functions, Chemistry

Dual Credit eligible

Physics offers classical mechanics, work and energy, periodic motion and wave theory, electricity and magnetism, optics, relativity, quantum physics, and nuclear physics. These topics are presented in conjunction with real-world modeling exercises (dominion modeling) that reinforce a Christian worldview by demonstrating the relevance and validity of approaching science from a biblical perspective. The course is mathematically rigorous and algebra-based. The well-prepared student should have completed at least two years of algebra and one year of geometry instruction. In order to help students succeed, the necessary math skills are gradually introduced in a scaffold fashion, reinforced with numerous example problems.

SCIHS-06 Health Science (1 Semester) .5 credit Hour

Parent Role: Guide to dependent study Prerequisite: Reading/writing at the 8th grade level.

Students will explore skills and concepts related to body systems, nutrition, growth, and fitness, as well as mental health, safety, first aid, and emotional and social health. Students will be invited to consider how they may purposefully pursue health for the body, soul, and spirit.

Social Studies

SOCJH-01 American Republic (2 Semesters) Junior High

Parent Role: Guide to dependent study

Prerequisite: Reading/writing at the 6th grade level.

This course is to introduce eighth graders to the great events of American History. It will take them behind the events to the forces that created them. Other themes covered will include leaders, inventions, expansion of the United States and becoming a world power, our struggles and failures and triumphs as a nation. Also included will be a look at the Christian Churches and their leaders and influence on our country.

SOCJH-02 World Studies (2 Semesters) Junior High

Parent Role: Guide to dependent study

Prerequisite: Reading/writing at 6th grade level.

This course will explore civilizations throughout the world over a time period ranging from the beginnings of towns after the Dark Ages through the cultures of the twentieth century. Students will study these cultures from historical, geographical, and thematic perspectives. The use of numerous maps and charts will enhance students' learning and understanding.

SOCHS-01 World History & Geography (2 Semesters) — 1 Credit Hour

Parent Role: Guide to independent study

Prerequisite: Reading/writing at 8th grade level.

This high school level course is designed to provide an overview of history, from creation until the present time. Various civilizations explored will include the Middle East, Africa, Europe, Asia, Australia, and North and South America. This course is taught in units that guide the student through history chronologically and thematically. Selected themes in nearly every unit include great persons, belief systems, law and government, conflict and cooperation, and forces of note, such as economics, technology, militarism, nationalism, imperialism, and human/environmental interaction, which includes an examination of the earth and its resources. Maps are used to help students learn physical, political, and cultural geography. Woven into the fabric of the course is God's interaction with His creation, as conflicts He allows move empires to rise and fall, and as He speaks to the world directly through the Jews, through His Son, and through the Church as it moves forward through the last two millenniums.

SOCHS-02 United States History (2 Semesters) — 1 Credit Hour

Parent Role: Guide to independent study

Prerequisite: Reading/writing at 9th grade level.

Many people simply consider history to be an archive of dates and facts to be memorized. But history is *much* more than that. It is a story about the lives of people and God's redemptive work; it is "HIS story", God's story. As students study our nation's history, they will be invited to consider God's wisdom, omnipotence, sovereignty, and benevolence within the scheme of our nation's development and growth. Students will be challenged to think critically, analyzing historical events and critiquing the perspectives and choices of various historical figures. They will gain a clear outline of the major people, events, and developments that have propelled our nation toward being the nation that it is today.

SOCHS-03 Economics (1 Semester) — .5 Credit Hour

Parent Role: Guide for Dependent study

Prerequisite: Successful completion of Algebra 1.

This one-semester course will give students a working knowledge of basic economic principles, both to assist them in understanding economic issues around them and to prepare them for what may lie ahead in their academic careers. Students will investigate how basic economic principles work at home, in businesses, in financial markets, and in government. The course stresses free market ideals and Christian economic values.

SOCHS-04 Government (1 Semester) — .5 Credit Hour

Parent Role: Guide for Independent study Pre-requisite: Reading/writing at 10th grade level.

Students will be inspired as they learn about our country's Godly heritage and challenged to be ambassadors for Christ in all aspects of private and public life. Students will learn about the institutions, branches, and functions of the federal, state, and local governments; the electoral process; the Constitution; the rights and responsibilities of citizenship; and how our country's government was formed. Field trips, speakers, and videos may be included to add to the learning experience. Students must successfully complete this course and successfully pass U.S. and Missouri Constitutions Tests (taken during this course) in order to fulfill Missouri graduation requirements.

SOCHS-05 Introduction to Philosophy (1 Semesters) — .5 Credit Hour

Parent Role: Guide to Independent study Pre-requisite: Student must be in 11th or 12th grade.

This course will familiarize students with the major categories of classic, Western philosophical tradition, ranging from antiquity to the modern era. Students will explore the positions of major philosophical thinkers as they comment on the categories under discussion. Interpretation and communication of the philosophical works of each writer are analyzed. Students will be asked to develop and analyze their own answers to the major philosophical questions of knowledge and value. Upon successful completion of this course, each student will be able to do the following: Demonstrate basic knowledge of the major issues and answers of Philosophy; Demonstrate basic college-level skills in critical thinking and critical reading; Demonstrate basic college-level skills in written and oral communication; Identify and communicate their personal answers concerning the great questions of philosophy.

SOCHS-06 Non-Western Studies (2 Semesters) — 1 Credit Hour

Parent Role: Guide to Independent Study Prerequisite: Student must be in 11th or 12th grade.

This course is designed to help students understand the forces that have shaped Asia, the Middle East, and Africa into what they are today, with all their problems, successes, and possibilities. The disciplines of History, Geography, Sociology, Anthropology, Economics, Political Science, and Religion and Worldview Studies will be incorporated into this year-long study of the non-western world, with special attention being focused on China, Japan, India, Southeast Asia, Nigeria, South Africa, Kenya, Egypt, Israel, Saudi Arabia, Iraq, Iran, and Afghanistan. In-class lecture will also address how God has been revealing Himself to each of these cultures and how Christian missions has progressed within the non-western world. Special attention will be given to understanding the world views of these regions and how the message of Christ intersects each worldview. This course will be taught with multiple texts and primary sources provided by Heritage Academy, combined with many maps and cultural artifacts provided by the instructor.

World Languages

WLHS-01 Spanish I (2 Semesters) — 1 Credit Hour

Parent Role: Course Monitor

Pre-requisites: Reading and writing at 9th grade level.

Students will learn to write and speak basic Spanish using accurate grammar and pronunciation and will be able to comprehend written and spoken Spanish at the same level when listening or reading. This course will emphasize building vocabulary, recognizing and learning forms, and consistent adherence to basic structural rules. Written projects, oral presentations, and scripture memorization will be included in assigned homework. Students will also be directed in guided exploration of various Spanish-speaking cultures.

WLHS-02 Spanish II (2 Semesters) — 1 Credit Hour

Parent Role: Course Monitor

Prerequisite: Spanish I

This course will build on Spanish I knowledge and skills. Students will engage in frequent conversational activities and produce a variety of written and oral projects. Much of the course will be taught in Spanish. Emphasis will be on building conversation skills and using correct grammar.

Rosetta Stone Language Program

A Heritage teacher with more than ten years of experience administrating a Rosetta Stone Language program will track and monitor your student's progress, using real-time, dynamic reports to quickly identify learners' strengths and weaknesses. Rosetta Stone Courses at Heritage include 82 lessons per semester plus extra work in four areas: 1) vocabulary, 2) translation work, 3) conjugation charts, and 4) cultural appreciation projects. Students in 8-12th grades have the opportunity to learn any of 24 languages using Rosetta Stone Foundations web-based software. Note: MU online offers a similar Rosetta Stone Program without the added value of the teacher-facilitator and the extra work.

Fine Arts / Practical Arts

FAJH-01 Junior High Art (1 Semester) Junior High

Parent Role: Course Monitor

Pre-requisite: Reading /writing at the 6th grade level.

This course will promote an appreciation for the visual arts while teaching the principles of organization - balance, rhythm, variety, harmony and emphasis - in direct relationship with the elements of design - line, shape, value, color and texture. Students will receive instruction in drawing techniques, lettering and calligraphy, print-making, and completing a three-dimensional project. A wide variety of materials will be used to encourage creativity and experimentation with techniques.

FAJH-02 Junior High Music (1 Semester) Junior High

Parent Role: Course Monitor

Pre-requisite: Reading /writing at the 6th grade level.

Students enrolled in this course will explore sacred and secular choral music from a variety of cultures and time periods. Classroom instruction and at-home practice will emphasize the development of basic vocal technique, choral technique, part-singing, sight-reading, and an increased understanding of music theory. Performance opportunities will encourage students to improve their proficiencies with harmony, pitch, tone, dynamics, and vocal range. Participants should be prepared to have fun learning and making a joyful noise!

FAHS-01 Art Appreciation (1 Semester) .5 Credit Hour

Parent role: Course monitor

Pre-requisite: Junior High

Art Appreciation for high school students will uniquely combine basic art history with applied art. Acquainting the learner with world architecture, sculpture, painting, etc, the overarching theme will consist of the principles of design and how it relates to daily life, begging the question: What is art? In addition, the learner will receive brief introductions to a variety of well-known artists to represent a collection of art genres. By course end, the learner will then apply their knowledge of the distinctive techniques of the masters through both research and artistic projects.

FAHS-02 Music Appreciation (1 Semester) .5 Credit Hour

Parent role: Course monitor

Pre-requisite: Junior High

Music Appreciation is an introductory course for high school students where a selection of composers from antiquity to present will be explored, as well as a preliminary survey of the basic elements of music: music notation (basic note reading), dynamics, key signatures, rhythms, and ear training. Overall, the purpose of the course is to provide an historical appreciation of music history, as well as a fundamental understanding of the foundations of listening and producing music.

FAHS-03 Concert Choir (1 Semester) .5 Credit Hour

Parent role: Course monitor

Pre-requisite: Successful completion of Middle School.

Concert Choir is an introductory choral group for secondary students interested in advancing their skills in choral technique and performance. Students enrolled in this course will explore sacred and secular choral music from a variety of cultures and time periods. Classroom instruction and at-home practice will emphasize the development of basic vocal technique, choral technique, part-singing, sight-reading, and an increased understanding of music theory. Performance opportunities will encourage students to improve their proficiencies with harmony, pitch, tone, dynamics, and vocal range.

FAHS-04 Performance Theater (1 Semester) .5 Credit Hour

Parent role: Project Assistant

Pre-requisite: Successful completion of Junior High.

Through interaction with the various components of theatre (acting, technical production, and the analysis of dramatic literature), students will receive opportunity to discover and cultivate new skills and talents which they may then allow to impact other areas of their lives. Students will also learn the fundamentals related to acting, voice, stagecraft, sound and light, scene design, props and costumes, makeup, directing, and history. Students will memorize and block a poem, several short skits, and a thirty-forty minute one-act play.

PAHS-01 Personal Finance (1 Semester) .5 Credit Hour

Parent role: Course monitor

Pre-requisite: Successful completion of Junior High

This one-semester course will include instruction related to income, taxes, and giving; saving and budgeting; credit and debit; financial planning (investing and retirement) and insurance. Students will explore what the Bible says about money and learn skills and principles helpful for executing responsible stewardship.

PAHS-02 Computer Applications (1 Semester) .5 Credit Hour

Parent role: Course monitor

Pre-requisite: Junior High

This course is designed to teach students how to utilize the computer as a business and professional tool for communication and networking in preparation for success in college. Through classroom discussion, computer software demonstrations, and direct hands-on exercises, students will learn how to use Microsoft Office applications, google docs, and other web development platforms.

PAHS-03 Accounting (1 Semester) .5 Credit Hour

Parent role: Course monitor

Pre-requisite: 9th grade

This is a one semester introductory course in accounting procedures. Students will learn to keep financial records for a business while they investigate the field of accounting. Principles covered include the bookkeeping cycle, debit/credit theory, financial statements, use of various journal and ledgers, worksheets, accounts receivable and payable, and payroll systems. Computers will be used for simulation and projects.

PAHS-04 Graphic Design (1 Semester) — .5 Credit Hour

Parent Role: Guide for Independent study

Pre-requisite: Completion of 8th grade.

This course explores basics of two-dimensional composition, fundamentals of graphic design and typography. Students will be introduced to various types of print and digital publications and industry-standard design tools and software (Adobe Photoshop, Illustrator and InDesign). Students will complete projects using these programs.

PAHS-05 Year Book (1 Semester) -- .5 Credit Hour

Parent Role: Guide for Independent study

Pre-requisite: Completion of 8th grade.

In this course students will gain skills in digital photography, page design, copy writing and editing while producing a yearbook that records school memories and events. Participants gain useful, real world skills in project planning, creative process, time management, teamwork and design principles.

ELECTIVES

ELJH-01 Junior High Communications (1 Semester) Junior High

Parent Role: Guide to dependent study

Pre-requisite: Junior High English 2

The Purpose of this course is for students to develop skills in all areas of communication. In the course they will learn: The basics of communication, Communication with self and others, Group communication, Public communication, and interpretive communication. This course will teach students how to learn kinesthetically, verbally, visually, and socially enable them to work together to solve problems and achieve goals.

ELJH-02 Junior High Theater (1 Semester) Junior High

Parent role: Course monitor

Prerequisite: N/A

Through interaction with the various components of theatre (acting, technical production, and the analysis of dramatic literature), students will receive opportunity to discover and cultivate new skills and talents which they may then allow to impact other areas of their lives. Students will also learn the fundamentals related to acting and public speaking and contribute to the development of at least one minor design projects. Students will read two plays during the semester and be taught how to analyze a script and characters from the perspective of an actor and a designer. This course will be highly interactive and will require students to submit their own opinions, thoughts, ideas and questions to their classmates and teacher as they read various scripts and explore the themes and deeper cultural value of each.

ELJH-02 Junior High Life Skills 1

Parent role: Course monitor

Prerequisite: N/A

Life Skills I introduces all those little things one needs to know to launch into adulthood well. Students will gain hands-on experience learning the basics of autos; tools and woodworking; caulking and painting like a pro; cooking and baking from boiling an egg to planning and preparing an entire Thanksgiving meal; table conversation and manners; setting a table; making cookies and candies; doing laundry; caring for fabrics; basics of plumbing and household electrical systems; folding laundry, including fitted sheets.

ELJH-03 Junior High Life Skills 2

Parent role: Course monitor

Prerequisite: N/A

Life Skills 2 functions as a sequel to Life Skills 1. Life Skills 2 continues to explore basic life skills focusing on hands-on learning in areas such as hunting safety and laws; operating office machines and etiquette; renting/leasing, loans, contracts, and scams; first aid and CPR; self-defense and situational awareness; building a fire pit; travelling; small engine basics; lawn care; banking basics; gardening & potted plants; sewing on a button and patching jeans to creating a quilt or following a pattern to create a gift.

ELJH-04 Junior High Study Skills

Parent Role: Course monitor

Prerequisite: N/A

The Study Skills course will recognize effective study and organization plans. Through useful application of technology, the learner will recognize helpful time-saving strategies. By course end, each student, through their personalized learning styles inventory, will create a mission statement revealing their learning style, learning priorities, plan of action, test-taking strategies, note-taking strategies, time management, effective study areas, organization, etc., as well as how to actively address common obstacles in learning.

ELJH-05 Introduction to Debate (2 Semesters) – Junior High

Parent Role: Guide for Dependent Study

Pre-requisite: Junior High English 1

Introduction to Debate is a beginning level course for middle school students who are interested in the fundamentals of debate. Upon completion of this course, the learner will apply advocacy and argumentation skills (claim/warrant/evidence) through effective reading, writing, and listening. In an effort to foster mastery, as well as confidence, the focus of the course will concentrate on the student's ability to carefully construct reasoned arguments, as well as SPAR (Spontaneous Argument). Utilizing the tools set forth, they will gain a meaningful appreciation for effective research, strategic planning, recognition of formal and informal language, "keeping their cool," and identifying verbal and nonverbal language.

ELHS- 01 Mythology (1 Semester) .5 Credit Hour

Parent Role:

Prerequisite: Reading/writing at 8th grade level.

This course will provide an overview of Greek, Roman, and Norse mythology, enabling students to become literate in their knowledge of mythical characters and events. This course will equip students to recognize and explain the significance of current-day references to ancient myth. Students will also examine the worldview assumptions reflected in ancient myths and will compare and contrast them with a Biblical worldview.

ELHS-02 Career Explorations (1 Semester) .5 Credit Hours

Parent Role: Course Monitor

Prerequisite: Completion of 8th grade

This elective course is designed to enthuse students with the joy of pursuing God's plans for their futures. In addition to other topics, it will guide students through a four-step career-exploration process: (1) Investigation (discovering one's personality, abilities, skills, and priorities), (2) matching possible careers to the perceptions gained in the Investigation process, (3) researching potential careers to see if there is a fit, and (4) preparing a flexible plan for pursuing one's potential career choice.

ELHS-03 Creative Communications (1 Semester) .5 Credit Hour

Parent role: Course monitor

Prerequisite: Completion of 8th grade.

In Creative Communications, students will express themselves in various ways. This will involve creating the following: commercials; imaginative presentations; writing comic strips, poetry; short stories; or mini speeches: casual, persuasive, and informative; as well as an added component of artistic projects utilizing the organization of information through technology.

ELHS-04 Ethics

Parent role: Guide for Independent study

Pre-requisite: Completion of 9th grade

This course is an introduction to the philosophical study of morality, right and wrong behavior, the theory of value, virtue and vice. Subjects such as Relativism, Divine Command Theory, Utilitarianism, Kantianism, and the virtue ethics of Aristotle and Mayo will be considered. Students are encouraged to utilize critical thinking skills while they continue to develop skill sets related to reading, argumentation, and writing.

ELHS-05 Introduction to Experiential Learning

Parent role: Guide for Independent study

Pre-requisite: Completion of 9th grade

Students will benefit from Introduction to Experiential Learning by being asked to participate in many different learning experiences. Students will also explore how to work together as a team by

completing low ropes team building activities. This course blends lifetime activities with valuable leadership, trust-building and communication skills. Students learn by doing.

ELHS-06 The Leadership Course (1 Semester) .5 Credit Hour

Parent role: Guide for Independent study

Prerequisite: Completion of 8th grade.

The Leadership Course is an opportunity to study leadership theory and participate in a variety of practical leadership assignments. The course is divided into five units: 1) Self- Leadership, 2) Servant-Leadership, 3) Leadership as Influence, 4) Influence and team building, and 5) Leadership and Conflict. Topics of interest include influence, problem solving, decision-making, team building, and conflict management. Biblical models as well as other ancient and modern models of leadership will be considered.

ELHS-07 Logic (1 Semester) .5 Credit Hours

Parent Role: Guide for Independent study

Prerequisite: Completion of 8th grade.

There's good reasoning, and there's bad reasoning. The goal of this course is to learn how to distinguish the good reasoning from the bad. We will start with some preliminary lessons about language and truth. Then we will learn about the good reasoning by studying arguments. We'll learn two forms of deductive reasoning – the old Aristotelian logic and the newer propositional logic – and we will also learn what makes for good inductive and scientific reasoning. We will learn about the bad reasoning by studying the various fallacies: e.g., strawman, red herring, and argument ad hominem. I will use both classroom discussion, homework exercises, quizzes, and exams to test your progress in logic. Some may ask, "Why study logic?" Many people, both Christian and non-Christian, say truly silly and absurd things. I don't want any of you to be like that. The world should know that Christians can be both faith-filled and logical. For more on why you should study logic, read on.

ELHS-08 Sports in Society (1 Semester) — .5 Credit Hour

Parent Role: Guide for Independent study

Pre-requisite: Completion of 8th grade.

An analysis of the significance of physical activity in society and culture. The purpose of this course is to develop a problem-solving approach to current problems in leisure, physical education, and sport. Emphasis will be on training students to analyze, evaluate, articulate, and defend logical positions on issues related to sport in society. Students will be able to do the following: (1) Define and describe sociology of sport, (2) Discuss social theories and their application to sport, (3) Interpret historical and sociological interaction, (4) Define socialization, (5) Examine youth sports including historical perspectives and current trends, (6) Describe deviance and violence in sport, (7) Define and examine gender equity in sport, (8) Define and examine race and ethnicity in sport, (9) Examine money, economy and power in sport, (10) Relate how sport and media interact and rely on each other, (11) Analyze the political structure of sport organizations, (12) Examine the question, "Are sports educational?", and (13) Describe the interaction of religion and sport.

ELHS-09 Sports Ethics & Psychology (1 Semester) — .5 Credit Hour

Parent Role: Guide for Independent study

Pre-requisite: Completion of 8th grade.

Students in this one-semester course will explore how "the mind, body and spirit are inter-related during all types of performances." Students will gain an understanding of how to reach their personal "peak performance" through activities which will encourage an introspective look at sports, games, athletics and play. Students will also critically explore what roles those concepts have in their personal lives, evaluating their own behavior, identity and choices in use of leisure. The course will include discussion of such topics as sports history, philosophy, and physiology, performance, goal setting and leadership, and the importance of establishing a personal value system and a balanced perspective on sports as part of one's overall Biblical worldview.

ELHS-10 Women's Fitness (1 Semester) — .5 Credit Hour

Parent Role: Course Monitor

Pre-requisite: N/A

This one-semester interactive course will invite girls in 9th-12th to engage with a variety of fitness techniques and activities and to determine personal goals for increasing their personal fitness. A number of fitness components will be explored: strength, muscular endurance, flexibility and balance, cardiorespiratory endurance, body composition, and motor skill performance. Attention will be given to determining appropriate intensity, duration, and frequency of personal conditioning sessions so that girls might set appropriate goals for themselves and maintain balance in their approach to fitness, while also stretching themselves to pursue optimal body muscular and cardio efficiency for participating enthusiastically and pleurably in daily tasks and recreational activities. This course includes both short- and long-term objectives. Short-term – the enjoyment of new fitness learning in a supportive community setting; long-term – developing the resources and motivation necessary to establish lifelong, achievable fitness habits.

ELHS-11 Strength and Conditioning (1 Semester) — .5 Credit Hour

Parent Role: Course Monitor

Pre-requisite: N/A

The course is designed so that the student may get an appreciation for the human body's response to strength and conditioning exercises, proper technique and safety will be emphasized. The course will include both lecture and laboratory experiences. Students will be able to do the following: demonstrate proper weight lifting form, demonstrate proper use of cardiorespiratory equipment, describe basic nutrition for exercise participants and athletes, examine sport supplements and relate their legality and usefulness, analyze specific anatomical structures and how to strengthen them for sports/exercise, analyze physiological systems and how they relate to strength and conditioning, and demonstrate proper safety in strength and conditioning facility.