



## Language Arts:

### Language Arts 9

Grade 9 Full year, 1 credit

This course emphasizes writing skills, literature, and vocabulary. Writing activities give students practice in organizing and developing narrative, cause and effect, and compare and contrast compositions, literary reviews and research papers. Mastery of the writing process is expected. In addition, students study short stories, novels, poetry, and a Shakespearean play.

### World Literature

Grade 9-12, Full Year, 1 Credit

This course emphasizes organizing, developing, editing, and revising compositions. Literature studies introduce literary terminology, critical and analytical reading, and appreciation of world literature. Connections will be made between history cultures and literature. This course also includes historical interpretation, primary source review, and analysis skills while emphasizing writing skills, literature, and vocabulary. Mastery of the writing process is expected to demonstrate students ability to critically think about the world. In addition, students study short stories, novels, poetry, and a Shakespearian play.

### American Literature

Grade 11 full year, 1 unit

This course will cover American literature from early Native American legends through modern contemporary authors. Students will follow the literature of America chronologically through the anthology provided and discover what makes these writing distinctly American. Several novels will also be read throughout the year. The course focuses on Literature, but includes vocabulary curriculum and multiple writing workshops and assignments.

### British Literature

Grade 12 full year, 1 unit

The course emphasizes the analysis of British literature, development of critical thinking, and writing for the argumentative/persuasive, research and narrative genres. Students will be expected to study various literary works and then research the historical aspects/factors. This class uses a college-level reading list, which is available from the instructor upon request. Academic resume writing is taught.

## Mathematics:

### Algebra I

Grades 9-12 Full year, 1 credit

Prerequisite: Pre-Algebra

This course is the first year of a standards-based mathematics curriculum. Number sense topics include the concept of understanding and applying numbers, ways of representing numbers, and the relationships among numbers and different number systems. Data analysis focuses on the concept of understanding and applying data collection, organization and representation to analyze and sort data. Algebra topics focus on the concept of representing and analyzing mathematical situations and structures using algebraic representations. Geometric topics include specifying and describing spatial relationships using coordinate geometry and other representational systems. Structure and logic focuses on algorithms and algorithmic thinking and the concept of using reasoning to solve mathematical problems in contextual situations.

### Geometry

Grades 9-12, Full year, 1 credit

Pre-Requisite- Algebra I

This course will demonstrate understanding of geometric proofs, reasoning, congruency, and similarities. Students will investigate theorems and touch base on trigonometric functions. Students will practice computing areas and volumes of various geometric shapes and figures.

### Algebra II

Grades 10-12, Full Year, 1 Credit

Prerequisite: Geometry

This course includes a study of the real number system; first degree equations and inequalities; polynomial functions including higher order equations and inequalities; rational algebraic expressions and fractional equations; complex numbers; functions; logarithms; problem-solving techniques; applications of algebra in the areas of data analysis; probability; combinatorics; matrices; sequences and series; and if time permits: trigonometric ratios; trig functions; trigonometric graphs, identities, and equations.

### Pre-Calculus

Grade 11 or 12 full year, 1 unit

Prerequisite: Algebra II

This course prepares students for calculus. Topics covered include number systems, analytic geometry, elementary function theory (including logarithmic and trigonometric functions), and basic proof techniques. Students are presented theorems, definitions and postulates in which brief examinations are given. The course seeks to provide the student with an understanding as well as a working knowledge of mathematical theories.

## Science:

Earth Science

Grade 9-12 Full year, 1 credit

This inquiry-based course is designed to investigate chemistry, physics, biology and earth-space concepts in order to develop students' analytical skills and problem-solving techniques. Concepts explored in the course develop foundational knowledge that ensures success in subsequent high school science classes. Emphasis is based on laboratories in which the student is an active participant in the formation of the lab.

Biology

Grade 9-12 Full year, 1 credit

This is a lab-oriented course designed to study the major areas of life and living things. Emphasis will be on the major integrating themes of biology.

Chemistry

Grades 9-12, Full year, 1 credit

This course will describe relevant dominion science problems, offers a biblical response to ecological and earth-age issues, and includes recent chemistry-related research and developments featuring modern materials. Corresponding labs will be offered to show demonstrations elements, compounds, and mixtures as found in nature. Chemical reactions, basic problems in chemistry and equations are studied in depth.

Physics

Grades 11-12 full year, 1 unit

This is a lab-oriented course that studies energy in its many forms. Topics include mechanics, electricity, waves, energy, electricity and light. Strong math skills are highly recommended.

## Social Studies:

World History

Grades 9-12 Full year, 1 credit

This course covers world history from early civilization to the present. Critical thinking, study skills, problem solving, teamwork, and the integration of all forms of technology will be encouraged. This course also includes historical interpretation, primary source review, and analysis skills.

World Geography

Grades 9-12, Full year, 1 credit

This course covers world geography from early civilization to the present. Critical thinking, study skills, problem solving, teamwork, and the integration of all forms of technology will be encouraged. This course also includes geographical interpretation, primary source review, and analysis skills.

U.S. History

Grades 11-12 Full year, 1 credit

The course will cover American history from the American Revolution, the founding of the United States to the present. Emphasis in the second semester will be the 20th century era, and specifically from World War I to the present. Students will study U.S. foreign policy, and the many political and social movements that shaped American culture. Problem solving, critical thinking, writing, research, geographic skills, cooperative learning activities, and the integration of technology are encouraged.

#### Government/Economics

Grade 12 (each subject is one semester) 1 unit total

This course is a study of the structures and philosophies of government, the American political system, civil rights, and public opinion. Through American Government, comparative government studies, and world economics, students will study the Cold War, Latin America, Canada, World War II and American Foreign policy today. The students will develop economic reasoning skills in order to apply basic economic concepts, assess problems, and make choices. Students will have an opportunity to evaluate the choices of others as consumers, workers, and citizens in local, national and global economics.

## World Languages:

### French I

Grades 9-12 Full year, 1 credit

This course is an introduction to the language and culture of France. The student learns vocabulary and grammar through listening, speaking, reading and writing. Emphasis is on listening, comprehension and simple conversational skills.

### French II

Grades 9-12 Full year, 1 credit

Prerequisite: French 1 or equivalent course

This course is a continuation of French 1 with more practice in listening, speaking, reading and writing skills. New vocabulary, grammar and cultural units are presented. The student will increase aural-oral skills through conversations and written skills with simple compositions.

### French III

Grades 11-12 full year, 1 unit

This course is designed to review and improve skills learned in French II. Emphasis is on linguistic skills: speaking, listening, reading and writing through the study of grammar, literature and culture.

### Spanish I

Grades 9-12, Full year, 1 credit

This course is an introduction of the language and culture of Spain. The student learns vocabulary and grammar through listening, speaking reading and writing. Emphasis is on listening, comprehension and simple conversational skills.

## Spanish II

Grades 9-12, Full year, 1 credit

The course will build on the foundation of Spanish I as students learn communication skills for everyday situations. Lessons provide Scripture passages for practice in reading.

## Bible

Old Testament/New Testament Survey

Grade 9, Full Year, 1/2 Credit

This course covers all 66 books of the Bible, familiarizing the students with a general overview of the entire Biblical narrative. The course will place emphasis on major theme/s of each book. Scripture Memory composes a regular part of the course.

## Behold Your God

Grades 10-12, Full Year, 1/2 Credit

The course is a study of the Attributes of the Trinity: God, Jesus Christ, and the Holy Spirit. The goal of the course is not just to know about God, but to Know God in an authentic and life-changing way. Because of this, students will learn theological Truths of God's character, but also be asked to reflect on the implications of these Truths in their day-to-day life.

## The Inner Man

Grades 10-12, Full Year, 1/2 Credit

The purpose of this course is to develop Christian character and maturity in the hearts of our students. This end is pursued through the careful study of the Bible, especially focused on lessons of character exemplified by characters in Scripture and the life of Christ.

## Gospel of John

Grades 10-12, Full Year, 1/2 Credit

This course is a detailed study of Jesus Christ in the Gospel of John focusing on the two-fold purpose statement in John 20:31: "that you may believe that Jesus is the Christ, the Son of God, and that by believing you may have life in his name." Students will be taught inductive methods of Scriptural study in order to gain a deeper understanding of Jesus Christ through this simplest and most profound gospel account.

## Physical Education

Physical Education

Grades 9-12 Full Year, 1/2 credit

The physical education course will have a dual focus: 1) To introduce students to the history and rules of specific sports and develop skill in these sports: field hockey, football, swimming, basketball, and volleyball. 2) To develop God-honoring habits of physical fitness through challenging exercise and instruction.

## Christian Health

Grades 9-12, full year or one semester, 1/2 unit

This course focuses on the knowledge and habits necessary to live a healthy life: spiritually, physically, socially, and emotionally. It includes basic anatomy, health and wellness, first aid, and how to relate to others in a God-honoring way.

## **Electives:** (dependent on teaching staff and on a rotation basis)

### Journalism

Grades 9-12 Full year or one semester 1/2 credit

This class introduces students to the basics of journalism, including the history of journalism and the development of mass media. Students will learn interviewing and news gathering techniques with a concentration on writing news, features, sports, and opinion articles. There will be an opportunity for those in the class to contribute to the school newspaper and/or yearbook. Can be a semester course for 1/2 credit depending on availability of teaching staff.

### Speech

Grades 9-12, 1 Semester, 1/2 credit

This course provides practice in speaking exercises, group projects, and selections for interpretation, while introducing the students to aspects of public speaking from platform presence to persuasion. Students are introduced to several types of speeches leading to methods of speech preparation and techniques for delivery. The course will also teach topic choice, research, organization, and communication.

### Drama

Grades 9-12, Semester, 1/2 credit

This is a beginning course for students interesting in acting or theater but have little or no acting experience. Activities and projects will introduce the concepts of pantomime, voice production, improvisation, presentation, and production skills as well as dual acting scenes. The student must expect to perform before a class as well as a general audience. The class requires one to two performances held after school or in the evenings.

### Introduction to Art

Grades 9-12 1 semester, 1/2 credit

This is an introductory course designed to help students in producing artwork. Areas such as drawing, painting, sculpture, jewelry, and ceramics may be explored. This is a good preparatory class for other art classes. Material usage fee required.

### Home Economics

Grades 9-12 one semester, 1/2 unit

This course includes a general introduction and lessons on basic sewing, cooking, miscellaneous homemade crafts and items as well as practical home management techniques, such as living on a budget. The sewing portion of the class will cover not only sewing hems and minor mending, but also pattern reading and general tailoring.

### Student Aide

Grades 10-12 1 semester, 1/2 credit

Prerequisite: Administrator approval

Students will be assigned to an office or teacher and serve as an assistant performing a variety of clerical duties. Students may earn a maximum of 1/2 credit towards graduation.

Yearbook

Grades 9-11 full year, 1/2 unit

Members of this class will produce the school yearbook. Students will gain skills in one or more of the following areas: page design, copy writing, editing, proofreading, and photography while producing a creative, innovative yearbook which records school memories and events. Students receive guided instruction in the fundamentals of journalistic writing, photojournalism, graphic design, budget management, and organizational skills necessary to produce the yearbook as well as guided practice in the areas of responsibility necessary for the production of the book and distribution.

Students also develop their abilities to work as a team as they produce the yearbook.

Yearbook may be taken for two years of high school credit only.

Introduction to Music

Grades 9-12, full year, 1/2 unit

This is an introductory course designed to help students understand and recognize different types of music and artists/composers. Classical music, jazz, rock, pop, hip-hop, blues, country and other types of music will be studied. Basic music reading skills will be taught. Students will be able to recognize and name different music genres by using listening skills.

## Information Technology:

Information Technology

Grades 9-12 Full year or one semester 1/2 credit

This course is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of the course is to develop in students the computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers, and societal and ethical issues.