

9th Grade Course Goals

- Bible:** This course will use Level D in the Bob Jones University Press Bible curriculum. The course will focus on the books of the Old Testament, with an emphasis on its thematic elements. The instructor will supplement the textbook with PowerPoint slides. Students will be expected to learn the major themes of the Bible books under consideration. Scripture memorization will be required. The goal of the course is to deepen the student's understanding of the major themes of the Old Testament, divided into three main categories: Prose, Poetry, and Prophecy.
- English I:** Subject matter for ninth grade English includes writing, grammar, literature and vocabulary. Students will expand their knowledge and skills of grammar, sentence structure and vocabulary. Concepts include: identifying parts of speech; clauses; phrases; sentence errors; and punctuation. Students will implement these skills through their own writing. Ninth grade English students will reinforce writing skills by creating the following pieces: paragraphs; definitions; comparison and contrast essay; personal response to literature; creative writing, and writing a research paper. Experiencing these forms of writing will enable them to demonstrate their growth as children of God. The course will focus on reading grade level appropriate novels and other forms of literature to improve comprehension skills; analyzing literature and interpreting literature's meaning; analyzing character development and making inferences about motivation; and comparing and contrasting types of literature. Students will be able to define and identify literary elements (such as setting, point of view, characterization, etc.) and respond to literature on a personal level. Students will utilize the vocabulary within novels as well as the Wordly Wise text. Students will understand the value of language and literature and see the importance of communication.
- World:
Geography:** This course will include a survey of the earth and its resources, and the use of these resources by man. Through a country by country study, the geography and culture of people in each of the various regions will be covered, including the political and economic features. We will combine all of the elements of geography with a strong emphasis on biblical philosophy and scripture. Students will gain an appreciation for the wonders of God's creation and responsibilities for it that God has mandated. Information and understanding of geography will equip students for further learning in history, political science, economics, science and literature.
- Biology:** Through the study of Biology, students will gain knowledge of subjects relating to cellular biology, genetics, zoology and ecology. Students will study the correct structure of a scientific experiment. Laboratory exercises will be performed to reinforce classroom discussion. Application of that knowledge will be taught according to God's command for man to have dominion over creation (Gen. 1:28-30). Students will be introduced to the field of taxonomy and experience the debate between Creation and Evolution.
- Geometry:** Geometry is another step in the overall educational process of the Christian school. It develops thinking processes that are essential in future math classes and everyday life. This course will deal primarily with Euclidean geometry where it explains concepts and provide examples for students to study. Concepts may involve calculations or proofs. The proofs give reasons that explain the steps performed so that students can understand the process of logical thinking. The orderliness and design that God has created in our world will be evident through Geometry. *Algebra I is taught in 8th grade. Geometry is available to incoming 9th graders.
- Computer:** Students will use Google Classroom and Docs, Computer Programming, Google Drawings and Google Earth. Students will complete a PSAT prep course. Computer class assignments are often a direct extension of core curriculum content. Students will be assigned projects and presentations centered around their core curriculum, focusing on creating attractive and

engaging presentations and slide shows. Students will learn techniques and methods that create productions beyond a standard slide show.

- Band: 7th – 10th grade Students will learn musical concepts and theory needed for their instrument. Students will participate in 2 concerts. Students will complete theory related worksheets for a grade. There will be practice records and performance tests as a grade.
- Spanish I: Spanish I provides an introduction to listening, speaking, reading and writing in Spanish as well as an introduction to the Hispanic culture. The focus of the course will be on communication. Students will be provided with the tools they need to communicate words and phrases by learning proper pronunciation, vocabulary, word and sentence formation, and grammar.
- Physical Education: In Physical Education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the lifespan. Foundations of Personal Fitness represents a new approach in physical education and the concept of personal fitness. The basic purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class. The concept of wellness, or striving to reach optimal levels of health, is the corner stone of this course and is exemplified by one of the course objectives-students designing their own personal fitness program.

9th Grade Curriculum

English I (BJUP):

Parts of Speech

Pronouns – personal, demonstrative, interrogative, indefinite, relative

Nouns – review

Verbs – complete, linking, transitive vs. intransitive, principal parts, verb tenses, active and passive voice

Adjectives and Adverbs

Prepositions

Conjunctions

Interjections

Mechanics

Punctuation; spelling; vocabulary

Writing Skills

Paragraph development

Comparison/contrast; style

Conciseness, smoothness, word choice

Sentence variety

Research paper

Noodle tools

Literature

Critical Approach

Range of selections: classic to contemporary – including novels

Genres represented: fiction; nonfiction; poetry; drama

Cultures represented: American; English; French; Russian;

Geometry (BJUP):

Incidence Geometry

Sets and Subsets

Set Operations

Undefined Terms and Definitions

Incidence Theorems

Sketches and Constructions

Subsets of Lines, Planes, and Space

Subsets of Lines, Planes, Space

Designers and Their Patterns

Curves and Circles

Polygons and Convexity

Polyhedra

Segments and Measurement

Real Numbers

Segment Measure, Bisectors, Constructions

Perimeter and Circumference

Polygons: inscribed and circumscribed

Angles and Measurement

Inequalities

Angle Measure, Bisectors, Properties, Constructions

Polygons: Triangles and Quadrilaterals

Preparing for Proofs

Introduction to Reasoning

Statements and Quantifiers

Truth Values and Connectives

Conditional Statements

Biology (BJUP):

Life Science

Natural history and scientific investigation

History of Life: Creation vs. Evolution

Genesis record

Taxonomy

Cellular and Molecular Biology

Cytology

Heredity

DNA

Cell cycle

Cancer

Forensic science

Photosynthesis

Cellular Respiration

Protein synthesis

Laboratory work: dissections, microscopy, cellular biology, genetics

Ecology

Habitats

Food chains

Zoology

Mammals

Variety in the world of invertebrates

Human Anatomy and Physiology

The 11 Body Systems

World Geography (BJUP):

Topic

Physical, political, and cultural Geography

Geography

Complete survey of geographic principles and regions; map skills

History

Geographic approach to key historic events

Government

Overview of types of governments; current issues

Economics

Influence of land, climate, and resources on national economics

Religion

Stewardship of resources; biblical basis and illustrations for geographic principles; geography of Bible lands; comparative world religions; world missions

Culture

All eight culture regions and their influence on lifestyles, sports, arts, and culture

Bible:

Messages from Prose

Messages from Poetry

Messages from Prophecy



Isaiah 40:31 eagle-heights.org

Geometry (BJUP):

Proofs

Deductive Proof

Construction and Proof

Congruence

Congruent Segments, Angles, Polygons and Circles, Triangles

Parallel Lines and Transversals

Angles of Polygons

Congruence Postulates

Conditions for Congruent Triangles

Triangles and Quadrilaterals

Right Triangles

Perpendiculars and Bisectors

Exterior Angles and Inequalities

Inequalities

Triangle Inequality

Parallelograms

Polygon Constructions

Area

Other and Regular Polygons

Pythagorean Theorem

Circles

Surface Areas of Prisms, Cylinders, Pyramids, Cones,

Polyhedra, Spheres

Circles

Circles and Chords

Tangents

Arcs

Inscribed Angles

Lines and Circles

Sectors and Segments

Circle Constructions

Space

Perspective, Separation, Perpendiculars, Parallels in Space

Polyhedra

Spheres

Latitude and Longitude

Spherical Geometry

Volume

Prisms, Cylinders

Pyramids, Cones, Polyhedra, Spheres

Constructions

Transformations and Symmetry

Transformations, Translations, Rotations

Dilations

Invariance Under Transformations

Applications of Isometries

Symmetry

Similarity

similar Figures, Triangles, Right Triangles, Proportions

Circles and Proportions

Spanish 1 (Holt McDougal):

Introduction to Spanish

Source of Spanish language

Hispanic culture and country exploration

Conversational Spanish

Greetings

Numbers

Dates

Weather

Travel

Daily activities

Grammatical Construction

Nouns and gender

Definite and indefinite articles

Verbs and verb endings

Irregular verbs

Present tense

Various persons

Negation

Formal/informal (tú versus Ud.)

Descriptive adjectives

Plural nouns and adjectives

Conjugating verbs

Masculine and Feminine nouns and articles

Contractions

Present participles

Possessive forms of -er and -ir verbs

Possessive pronouns

Possessive adjectives

Question words

Conjugation of irregular verbs

Comparative adjectives

Superlatives

Reflexive pronouns

Preterite forms