

## 7<sup>th</sup> Grade Course Goals

- Bible:** This course covers Jesus Christ's earthly life and ministry. Students will be inspired by the example of Christ's own life experiences and the way He dealt with both friends and enemies. Valuable lessons will be drawn from Christ's sermons, miracles, and parables.
- History:** In this course, students will study the geography, people, events and issues that shaped Texas from the early Native Americans through the 20<sup>th</sup> century. Our studies will include the eras of European mission-building and colonization, the years of Mexican Texas, the Texas Revolution, how and when Texas became a republic and then a state, how Texas was affected by the Civil War and Reconstruction, and the 19<sup>th</sup> century. In addition, students will explore the structure of government in Texas and what it means to be a citizen of Texas.
- Language Arts:** Subject matter for seventh grade Language Arts includes writing, grammar, literature, and vocabulary. Students will expand their knowledge and skills of grammar, sentence structure, spelling and vocabulary. Students will implement these skills through their own writing. This course stresses writing skills by creating descriptive, persuasive, narrative and entertaining pieces which will enable them to demonstrate their growth as children of God. Students will also write a research paper. The course will focus on reading 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 and respond to literature on a personal level. Students will understand the value of language and literature and see the importance of communication.
- Mathematics:** In this course, students will develop critical thinking and reasoning skills in problem-solving situations. In addition, the course will ease transition from arithmetic to algebra and upper secondary math courses by reviewing the basic computational skills necessary for a strong mathematical foundation. Pre-algebra stresses the relevance of math to students' everyday lives which will help equip them as they understand the value of mathematics for their Christian growth and service.
- Science:** In Life Science, students will learn what God has said about life and living things. They will learn the importance of being good stewards of His creation. In the course, students will investigate the six Kingdoms in the Modern Classification System through lecture, reading the text, and performing experiments.
- Computer:** This course is designed to teach students the proper form for keyboard typing. With practice and repetition, students will become proficient at typing with speed and accuracy. Students will use a variety of applications throughout the year such as Google Classroom and Docs, Computer Programming, Microsoft Publisher and Power Point. Computer class assignments are often a direct extension of core curriculum content. Students complete projects and presentations based on their English and Science core content.
- Band:** 7<sup>th</sup> – 10<sup>th</sup> 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:** 7<sup>th</sup> and 8<sup>th</sup> grade Spanish introduces the Spanish language and Hispanic culture. Students will learn how to listen, speak, read, and write in Spanish with a focus on basic vocabulary and grammatical structure, as well as explore cultural differences of Spanish-speaking countries around the world.



Isaiah 40:31 [eagle-heights.org](http://eagle-heights.org)

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. Seventh grade students apply similar concepts from one sport or movement setting to another. Students can observe another individual's performance and notice key elements for success. At this grade level, students participate in physical activity both in and out of school while maintaining a healthy level of fitness as their bodies grow and change. Their knowledge of safety and the ability to manage their own behavior is reinforced. Instruction is directed more toward encouraging the incorporation of physical activity into a daily routine and less toward fundamental skill development.

## 7<sup>th</sup> Grade Curriculum

### Language Arts (BJUP):

#### Parts of Speech

Noun  
Pronoun  
Verb – simple and perfect tenses  
Adjective  
Adverb  
Preposition  
Conjunction  
Interjection

#### Sentence Structure

Sentence patterns  
Introduction to dependent clauses  
Sentence types – declarative, interrogative, imperative, exclamatory  
Clause structure – simple, compound, complex  
Sentence errors – fragments, comma splices, fused sentences

#### Mechanics

Capitalization  
Punctuation  
Spelling

#### Usage

Subject/Verb agreement  
Pronoun/Antecedent agreement  
Pronoun reference

#### Writing Skills

Writing process – planning, drafting, revising and proof-reading, publishing  
Paragraph development – fact, example, statistic, incident/anecdote, sensory detail, reason  
Paragraph organization – chronological, spatial, order of importance  
Style – precise words, showing and not telling  
Develop a thesis statement  
Write a research paper

#### Literature

Six themes: courage; nature and man; generosity; our land; humility; family  
Genres represented: fables; drama; poetry; hymns; Scripture; short story; biography; autobiographical accounts; historical essays; novels

### Spanish 1A (McDougal Littell):

#### Introduction to Spanish

Source of Spanish language  
Hispanic culture and country exploration

#### Conversational Spanish

Greetings  
Dates  
Weather

#### Telling Time

#### Grammatical Construction

Nouns and gender  
Verbs and verb endings  
Irregular verbs  
Present tense  
Various persons  
Likes and dislikes  
Formal/informal  
Descriptive adjectives  
Plural nouns and adjectives  
Conjugating verbs  
Definite and indefinite articles – gender and number  
Masculine and Feminine nouns and articles

### Life Science (BJUP):

#### Foundations of Life Science

definition of science, modeling, thinking scientifically, limitations of science, Biblical vs. naturalistic worldview, scientific method, characteristics of life, classification of life, cell structure/function, respiration/photosynthesis

#### Heredity and the Origin of Life

genes and cell division, mitosis and meiosis, asexual and sexual reproduction, DNA replication, RNA transcription, protein synthesis, Mendelian genetics, genetic crosses, variations on simple genetics, genetic disorders, gene mutations, chromosomal changes, genetic engineering, cloning, stem cell technology, Biblical Creationism, nonliteral views of Creation, age of the earth, the Flood, fossils, history of evolutionary theory, mutations and evolution, evolutionary family trees, speciation

#### Microbiology and Plant Biology

Archaeobacteria vs. eubacteria, bacteria, antibiotic resistance in bacteria; viruses; protozoan movement, algal structure, protists; fungi; plant structure; water movement, gas exchange, and photosynthesis in plants; plant growth and hormones; plant tropisms, nastic movements, and photoperiodism; plant classification and life cycles; sexual and asexual reproduction in plants; flower structure, seeds, and pollination.

#### The Animal Kingdom

sponges, cnidarians, flatworms, roundworms, earthworms, mollusks, arthropods, echinoderms; endotherms/ectotherms, body systems in vertebrates; fish, amphibians, metamorphosis, reptiles; birds, mammals, classification of mammals; animal behavior, external/internal fertilization, egg structure/development, placental reproduction

#### Interactions in the Environment

ecosystems, biomes, abiotic environment, water cycle, succession; biotic community, populations, carbon/oxygen/nitrogen cycle, limiting factors; circadian/seasonal rhythms; food chains/webs, ecological pyramids, organism relationships, competition, camouflage, warning coloration, mimicry, predation, symbiosis, parasitism; natural resources, agriculture, endangered species, extinction, human population changes, conservation, pollution

#### The Complex Design of the Human Body

skin, burns; skeletal system, fractures, joints; types of muscles, muscle physiology; homeostasis, blood cells, blood clotting, blood types, blood plasma; blood vessels, heart structure, blood flow through heart, blood pressure, immune system, organ transplants; allergies, autoimmune diseases; excretory system; respiratory system; digestive system; nervous system, brain anatomy, sense organs; hormones and endocrine glands, puberty; metabolism, nutrition; psychoactive drugs, smoking, addiction; spread of disease, protection against disease

### Bible (BJUP):

Christ-like Character  
Christ's Example  
Christ's Major Experiences  
Christ's Sermon on the Mount  
Christ's Other Teachings  
Christ's Miracles  
Christ's Parables  
Memory Verses

## **Pre-Algebra (BJUP):**

### **Integers**

operations with integers; solving integer equations

### **Expressions and equations**

Evaluating algebraic expressions; order of operations; simplifying algebraic expressions; solving whole number equations; estimating

### **Equations and inequalities**

multiple operations; simplifying with the distributive property; variables on both sides; solving inequalities

### **Number theory**

divisibility tests; prime and composite numbers; prime factorization; greatest common factor; least common multiple

### **Rational numbers**

Equivalent fractions; improper fractions and mixed numbers; comparing and ordering; operations with rational numbers; solving rational number equations; writing numbers in scientific notation

### **Ratio, proportion, and percent**

solving proportions; scale drawing and proportion; percent and fractions; percent and decimals; percent greater than 100 or less than 1 percent

### **Decimals**

place value; rounding; operations with decimals; metric system; conversions; solving decimal equations

### **Using percent**

finding a percent of a number; finding the percent; finding the number; percent of increase or decrease; discount, sale price, and commission

### **Graphing and functions**

Graphing on the coordinate plane; relations and functions; graphing linear equations; slope; direct and inverse variation; graphing systems of equations

### **Statistics and probability**

mean, median, and mode; graphing data; histograms; multiplication principle of counting; permutations; probability; mutually exclusive events; independent and dependent events

### **Square roots and special triangles**

solving equations using squares and square roots; the Pythagorean theorem; similar triangles; special right triangles; trigonometric ratios

### **Geometry**

basic geometric figures; angles and angle measures; parallel lines cut by a transversal; circles and circumference; congruent triangles; geometric constructions

### **Area and volume**

area of rectangles, parallelograms, triangles, trapezoids, and circles; surface area; volume of prisms, cylinders, pyramids, and cones

### **Polynomials**

Identifying and simplifying polynomials  
Operations with polynomials

## **Texas History (Houghton Mifflin Harcourt):**

### **Geography of Texas**

Landscape, climate, resources  
Regions of Texas

### **Spanish in Texas**

Native Texans  
Early Explorers  
Missions and Settlements  
End of Spanish Rule

### **Mexican National Period**

Empresarios and Tejanos  
Life in Mexican Texas  
Road to Revolution  
The Alamo and Goliad  
Independence Won

### **Revolution and Republic**

The Texas Revolution  
A New Nation  
Life in the Republic  
Texas Faces Foreign Challenges

### **Early Statehood**

Texas Joins the United State  
Western Expansion and Conflict  
Life in a Frontier State

### **Texas in the Civil War and Reconstruction**

Texas and the Civil War  
Reconstruction  
The Indian Wars

### **Cotton, Cattle, and Railroads**

The Cattle Kingdom  
Railroads and Farming  
The Oil Boom

### **Prosperity and the Great Depression**

Texas in the Age of Reform  
Texans at Home and Abroad  
Boom and Bust

### **The Modern Era**

World War II and the Cold War  
Texas in Transition  
Contemporary Texas

### **Handbook of Texas**

Texas Government  
Local Government and Citizenship  
The Texas Economy

BJUP – Bob Jones University Press