

## SEVENTH GRADE (G7)

### Bible

*Walking in Truth* (Summit Ministries) trains students to defend their faith and respond to counterfeit worldviews.

- *Competing Worldviews* compares and contrasts the key tenets of Christianity to Islam, naturalism, and new spirituality.

### Language Arts: Grammar, Composition, Literature, Poetry, Spelling, and Vocabulary

The purpose of *Grammar and Composition I* (Abeka) is to emphasize the orderly structure of our language and to train students to use the English language effectively.

*Of People* (Abeka) features stories and poems that can help students increase their understanding of the world, man, and God from a Christian perspective.

*Vocabulary, Spelling, Poetry I* (Abeka) emphasizes the application of spelling rules to lists of challenging words and the utilization of an expanded vocabulary.

- Promote standards of correct grammar and punctuation usage, equipping students with the tools they need to become effective communicators in both speaking and writing.
- Recognize the different parts of speech, fit these parts of speech together to form sentences, join sentences together to make paragraphs, and organize paragraphs into compositions
- Develop complete and orderly thoughts and to communicate those thoughts clearly and concisely, so that they can use God's gift of language effectively.
- Compose written works using proper paragraph structure, outlining, and summarization skills; complete book reports, essays, and a library research project.
- Gain exposure, through literature, to people of different ages, nationalities, races, cultures, and economic levels in order to develop a better understanding of

people's motives and feelings and to recognize the consequences of particular actions.

- Analyze the works of, and become familiar with, classics such as A Christmas Carol, Robinson Crusoe, Don Quixote, and Of Plymouth Plantation.
- Recognize basic literary devices in the literary selection and be able to identify significant quotations and the selection in which they are featured.
- Recognize and spell thousands of words applying common roots, prefixes, and sound-alike suffixes.
- Memorize and recite 7 lyrical poems and 1 hymn.

### Mathematics

*Intermediate Mathematics* (Abeka) gives a strong review of all arithmetic concepts with practical application to daily life.

- Maintain fundamental math skills learned in prior grades.
- Work with many types of numbers (whole, positive, negative, integer, rational/irrational numbers, and absolute value); whole numbers to the up to 100 millions place, and decimals to the ten thousandths place, and standard form scientific notation.
- Apply addition, subtraction, multiplication and division strategies using signed numbers.
- Develop a broader, deeper understanding of fraction, decimal, and percent concepts, including complex and reciprocal fractions, rational and irrational decimals, calculating percentages, ratios and proportions, and base conversions.
- Solve application problems using geometric formulas when computing with plane figure notation, pairs of angles (vertical, adjacent, complementary, supplementary), complex figures using addition or subtraction, three-dimensional figures.
- Explore the properties of probability, theoretical probability, and experimental probability.

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- Evaluate statistical data using frequency tables, biased samples, dot plots, box-and-whisker plots, stem-and-leaf plots, histograms, random samples, range, mean, median and mode, and other graphing mechanisms.
- Graph the Cartesian plane, origin, x-axis, y-axis, quadrants, point, ordered pair, x-intercept, y-intercept, and other coordinate geometry applications.
- Practice Pre-Algebra variables and constants; polynomial, monomial, binomial, and trinomial arithmetic; radicals, quadratic equation, Pythagorean theorem, and inequality graphing.

### Science and Health

**Science: Order and Design** (Abeka) begins with the more complex plant world and human anatomy and physiology. Evolutionary hypotheses are discussed and discarded as unscientific. Similarities between man and animals are explored and proved to be the result of a common Designer, laying a biblical foundation of origins.

- Observe the complexity of the “simple” cell, the basis of all life, emphasizes the hand of the Creator in its design. A study of ecology shows God’s providential design in the relationships between living things and their environments.
- Recognize the steps in the scientific method and be able to differentiate hypotheses, theories, and scientific laws, as well as differentiate experimental and control groups, types of variables.
- Examine Human Anatomy & Physiology and body systems: Cardiovascular, Respiratory, Digestive, Excretory, Lymphatic, Integumentary, Skeletal, Muscular, Nervous, Endocrine, and Reproductive.
- Consider Creation and science, design in nature: introduction, history, and evidence of design; homology: similar structures; and information in living things: complexity, DNA, mutations.

- Continue study of God’s creation through mammals, birds, fish, reptiles and amphibians, insects, microbiology, forestry, and ecology.
- Evaluate dominion and stewardship, the role of man in the environment, biblical stewardship, and the dangers of modern environmentalism: bias, pantheism.

### History and Geography

**History of the World** (Abeka) is part of a well-rounded program designed to give students a better understanding and a working knowledge of the geography of the Eastern Hemisphere. The interesting narrative style of the text and the many illustrations, maps, and photographs invite students to explore the past and learn about the people behind the events of world history.

The goal of the text is threefold: first, to show God’s hand in the history of the world; second, to emphasize the role of individuals in history; and third, to teach the many lessons that can be learned from history. Above all, History of the World emphasizes the providence of God in the actions of men. It provides students with heroes to emulate and goals to fulfill by focusing on the individuals whose character, initiative, and hard work have made a positive impact on world history.

Areas of Study:

- Beginning of World History: The Ancient Middle East (From Sumer to Canaan, Down to Egypt, Israel).
- New Empires & Cultures (Assyria, Babylon, and Persia, Greece, Rome before Christ, Rome after Christ).
- The Middle Ages & the Distortion of Christianity (Early Church History, Islam and the Crusades, From Empire to Feudalism, Age of Darkness).
- Beginning of the Modern Age (Protestant Reformation, Post-Reformation Europe, English Nation, Age of Exploration, The New World).
- Rise of Modern Europe (France in the Modern Age, British Empire: Asia, Africa, and Australia, Science and industry in the Modern Age)

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- An Era of Change (World War I and the Rise of Communism, Before and during World War II, Cold War Era, Modern Middle East, Collapse of Soviet Union, Toward a New Millennium, Parliamentary Procedure, New World Order, Economic World Change, Current Events).
- Geographic and World Map studies of names, locations, and geographic terminology.

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