

EIGHTH GRADE (G8)

Bible

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

- *Christianity in Action* helps students understand how they can live out their Christian worldview in a post-Christian culture.

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

Grammar and Composition II (Abeka) builds upon the skills learned in earlier grammar studies providing foundational practice of proper grammar.

Of Places (Abeka) uses young people's interest in other places to teach Christian character traits such as compassion, courage, and sacrifice.

Vocabulary, Spelling, Poetry II (Abeka) emphasizes using an expanded vocabulary and applying spelling rules when analyzing challenging words.

- 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 to people of different ages, nationalities, races, cultures, and economic levels through a variety of literary selections.
- Analyze the works of famous authors and excerpts of classics such as *A Tale of Two Cities*, *The Jungle Book*, *Ben Hur*, *The Hiding Place*, and *The Legend of Sleepy Hollow*.
- Recognize and spell thousands of words applying common roots, prefixes, and sound-alike suffixes.
- Memorize and recite 9 lyrical poems.

Mathematics

Pre-Algebra (Abeka) presents a brief yet complete review of arithmetic with applications to daily life. Word problems and problem-solving strategies throughout the text ensure that students can apply their mathematical skills to everyday situations and encourage students to connect varying types of mathematical knowledge.

- 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.
- Expand the topics of geometry, algebra, probability, statistics, and radicals.
- Introduce trigonometry (sine, cosine, tangent) and systems of equations (solving, solutions, lines, system, equations).
- Evaluate statistical data using frequency tables, biased samples, dot plots, box-and-whisper plots, stem-and-leaf plots, scatter plots, trend lines 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.

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- Solve application problems using geometric formulas when computing with plane figure notation, polyhedral, three-dimensional curved figures, rotation and asymmetry.
- Explore the properties of probability, theoretical probability, experimental probability and permutation.

Science and Health

Science: *Earth and Space* (Abeka) lays a foundation for future study of the nonliving world. The text begins “from the ground up,” starting with soil science and geology. Students learn how geology and the fossil record support the biblical record of a worldwide Flood—not the hypotheses of evolution.

Areas of Study:

- Using the scientific method (hypotheses, theories, and laws), engineering design process (criteria, constraints, prototype), and scientific reasoning (deductive and inductive reasoning).
- Pedology: Soil Science, characteristics of soil, nutrients in soil, air and water in soil.
- Geology: the structure of the earth, movement of the crust, earthquake, volcanos, minerals, gemstones, study of rock (petrology), weathering and erosion,
- Interpret the fossil record, conflicting views of the beginning, geology and the Genesis Flood, paleontology, evidence of a flood, evidence against evolution, and the true origin of man.
- Exploration of the seas includes studying currents, tides, and ocean floor. An investigation of the atmosphere and processes that cause weather includes overviews of several weather phenomena and of measuring and forecasting the weather.
- The solar system, stars, and galaxies are examined as the creation of God; evolutionary hypotheses of solar-system formation are briefly discussed and shown to be scientifically unsound. Students learn about man’s

study and use of astronomy, including an overview of manned and unmanned spaceflight.

- Study of environmental issues, pollution, ozone depletion, global warming, fossil fuels, managing our resource, renewable energy; wise stewardship of the earth.

History and Geography

America: *Land I Love* (Abeka) presents American history from a conservative, biblical perspective. This textbook uses biographical accounts to illustrate that history traces God’s working through people to accomplish His will. As part of this course, students will also study the geography of the Western Hemisphere and the functions of the federal, state, and local governments.

Areas of Study:

- Exploration & Settlement in a New Land (The new world, the first English colonies, the new colonies and life in the American colonies, preparation for independence, French and Indian War, and British regulations on the colonists).
- Birth of the United States (Conflict with England, First and Second Continental Congress, Declaration of Independence, War for Independence, Articles of Confederation, Constitutional Convention, Structure and basis of American government, Bill of Rights, and the Constitution of the United States).
- Building an American Character (From the Appalachians to the Rockies, Jacksonian Era, Innovation and inventions, Revival, education, and culture; Expansion into the West, The Gold Rush).
- Times of Testing & Triumph (Civil War and Reconstruction, Age of Industry, Gilded Age, Into the 20th Century, U.S. territorial acquisitions).
- Times of Challenge & Promise (World War I, Roaring Twenties, Religious and social reform, Rise of big government, World War II, Cold War, Korean War, Postwar America, Vietnam War, the new millennium, Challenges and Opportunities, The COVID-19 Pandemic, Foreign Affairs).

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- Geographic and Political Map studies of the Western Hemisphere, names, locations, and geographic terminology.
- Commonwealth of Virginia study, using political and physical maps, state symbols, state history, government and industry, cities, environment, and cultural heritage.

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