

## **Overview of Fifth Grade Curriculum**

**Language Arts, including English, Handwriting, Spelling and Reading: Bob Jones University Press:** In all areas of the language arts program, fifth graders continue to build on and refine skills introduced in earlier grades. Great emphasis is placed on the writing process and use of correct grammar and sentence structure within a variety of writing styles. The particular skills that are taught and/or reviewed include identification of sentences and sentence parts, the correct usage of punctuation, capitalization and quotation of facts, an understanding of synonyms, antonyms and homonyms, dictionary and thesaurus skills, writing letters of various types, making an outline, writing a library research paper, writing book reports, refining creative writing skills, recognizing and diagramming all eight parts of speech, recognizing and diagramming complements and word usage. Correct cursive penmanship is practiced through word exercises, original composition and sentence dictation. Weekly spelling and vocabulary word lists help students refine their spelling skills as well as increase their oral and written vocabulary. As students read from an extensive selection of classic literature and character building stories, they improve their performance in oral reading, comprehension, and speed-reading.

**Mathematics: Abeka:** The goal of Bob Jones Math Curriculum is for students to understand math concepts to become lifelong problem solvers. It contains an integrated Christian content that cultivates a biblical worldview. Students develop problem-solving skills using manipulatives and methods that foster discussion and reflection.

At the fifth-grade level students are introduced to and encouraged to master the following concepts:

- Place Value: identify the ones, hundreds, and thousands; identify the value of digits in a number with 9 or fewer digits; write numbers with nine or fewer digits in standard, expanded, and word form; compare numbers in written in standard, expanded, and word form; rounding; renaming
- Money: determine the value of a set of money; count back change by using coins and dollars; round amounts of money to the place with the greatest value
- Addition and subtraction: complete a missing addend equation with a variable; use variables when adding doubles; add two-, three-, four-, and five-digit numbers with renaming; estimate the sum with rounding; solve a word problem with three addends; estimating differences;
- Fractions: identify the whole and equivalents; identify part of a set and use the correct numerator and denominator to describe it; write the fraction that names the part of a set; determine probability; compare and order like and unlike fractions; add and subtract like fractions; identify proper and improper; add and subtract mixed numbers; determine fractional part of a whole

**History: Bob Jones University Press: *Heritage Studies 5*** guides students through American history from early Native cultures to modern times, focusing on key events and figures with a biblical perspective. Students will learn about government roles, economic principles like supply and demand, and cultural diversity in languages, religions, and customs.

**Science - Bob Jones University Press:** Fifth grade students are led from the known to the unknown with the teaching of important science concepts in the context of things they can see and know. The objective of this type of an approach is to help students really understand basic principles of science rather than merely to teach them science vocabulary. The text presents the

world as the creation of God and glorifies Him as its Sustainer and Upholder. Students are introduced to great scientists and naturalists who believed in the Biblical account of Creation. Specific units of study are listed below:

- **Earth Science:**
  - Earth
    - Layers of the earth
    - Soil
    - Minerals
    - Rocks
    - Fossils
    - Layers of the atmosphere
    - Weather
  - Space
- Space technology
- **Life Science:**
  - Living things
    - Dinosaurs
    - Biomes
    - Ecosystems
  - Human body:
    - **Respiratory system**
    - **Circulatory system**
- **Physical Science**
  - Energy
    - Heat
    - Sound
    - Light
  - Matter
    - Measuring matter
    - Physical changes
    - Atoms and molecules
    - Mixtures

**Bible: Bob Jones University Press:** *Bible 5 Fullness of Time* develops students' understanding of the New Testament as the culmination of God's big story of Creation, Fall, and Redemption. Students will focus on the main themes that run throughout God's redemption plan—glory, kingdom, covenants, divine presence, law and wisdom, and atonement and priesthood.

**Also:**

**Music:** In weekly music classes, students are taught the fundamentals of rhythm and music theory. Students will also be involved in one school musical program each year.

**Physical Education:** Our physical education teacher helps the students develop large motor skills and knowledge of games with rules.

**Art:** Students have an art class in addition to the art that is integrated into the daily program. Students learn about different techniques and about working with different media, as well as

receiving an introduction to Art History. They are introduced to famous artists, and see how Bible stories and concepts have been illustrated through the ages with art.

**Library:** All elementary students have the opportunity to visit the school library each week for a literacy lesson. They are also able to borrow books on a weekly basis.

**Social Skills:** Students meet with the school counselor to learn about self-awareness, self-control, and interpersonal skills.

**Spanish:** Students learn basic conversational Spanish and common vocabulary words.

**Chapel:** The entire elementary school joins together in the church chapel for a short service each Wednesday morning. This is a time of worship, prayer, and testimonies. Classes take turns presenting the weekly lessons. Christ Chapel Academy pastors are frequent visitors.

**Challenge Club (after school): *FIRST* LEGO League (FLL):** Students will be introduced to the fundamentals of STEM while working together to solve fun challenges and building models using LEGOS. Participants will work in teams to design and build robots using LEGO Education SPIKE Essentials. Once they are ready to move into a competitive setting, they join Challenge and apply their STEM skills combined with critical thinking to work with a team, build a robot and compete in an exciting, mission-based Robot Game. Each Challenge season has three parts: the Robot Game, the Innovation Project, and the *FIRST* Core Values. FLL Teams consist of 2-10 team members and 2 adult coaches. By the end of Robot Season, students will understand the basics of STEM and apply their skills in an exciting way while gaining productive learning habits, confidence, and teamwork skills along the way.