

LANDMARK CHRISTIAN SCHOOL

Fairburn • Peachtree City



Fourth Grade Curriculum Overview

Bible

- Old and New Testament themes: God's leaders and purpose in history; Paul's missions
- Weekly Scripture memory and integration of Biblical worldview in all subjects

Language Arts

- Listening and speaking: recall, summarize, inform, persuade, entertain, and question
- Spelling and vocabulary: phonetic strategies, syllabication, Latin root words and prefixes
- Reading fluency and comprehension strategies in guided and silent reading; novel studies

- Literature appreciation; literary devices including story structure and figurative language
- Writing, including reflections, narratives, poems, letters, multi-paragraph essays, expository writing, and imaginative stories; focus on organization and style
- Grammar, including sentence structure and parts of speech
- Reference skills, including introduction to the research process

Math

- Numbers and operations including mastery of addition, subtraction, multiplication, and division facts; long division; operations with whole and decimal numbers
- Fractions and decimal numbers, including addition and subtraction
- Measurement: Time, money, schedules, customary and metric measurement of length, weight, temperature, capacity, volume, area, and perimeter;
- Geometry: Properties of plane and solid figures, congruence, symmetry; lines, points, rays; measurement of circles, terminology for angles
- Graphs and statistics: Construction and interpretation of charts, tables, and graphs; use of ordered pairs on a first quadrant graph; mean, median, mode, and range
- Probability: Terms and outcomes; experimentation, and prediction
- Ratio, proportion, and percent
- Estimation: Estimation of products, quotients, sums, and differences by rounding
- Algebraic reasoning: commutative, associative, distributive, and identity properties; concept of equality; unknowns; order of operations
- Problem solving: Multi-step problems; strategies

Social Studies

- Civics: The Constitution; Bill of Rights
- Economics: Supply and demand; resources
- Geography: States and capitals; Map Skills 4
- American history: Exploration to the Civil War

Science: Three science lab classes per week

- Life science: Characteristics of organisms; ecosystems, photosynthesis, respiration, pollination, fertilization; life cycles; structure and function of organs; dissection
- Earth science: Structure of the earth, rocks; sources and uses of fresh water; climate zones; weather maps and charts ;seasons related to position of earth; moon phases; scientific study of space
- Physical science: Metric measurement – length, area, volume; Mass, weight, density; Light and sound, including spectrum, movement, reflection and refraction; light technology; sound waves, pitch, volume, intensity, amplification, transmission; Static electricity – sources, transmission, magnetism, safety

Technology: one class per week

- Advanced functions of Microsoft Word, Excel, and Power Point; computer programming
- Research: Location, selection, and evaluation of information; plagiarism

Language Lab: one class per week

- Introduction to Spanish in an online self-paced program of 180 lessons

Physical Education: three classes per week

- Personal fitness, competitive and non-competitive team games, positions, and rules; weekly mile run; technique and form for track and field events; sportsmanship

Art: one class per week

- Elements of visual arts, principles of design, media techniques and processes, recognizing art in historical and cultural context

Music: One class per week

- Exploration of rhythm, melody, harmony, pitch, music theory, and music appreciation
- Instrumental instruction on the recorder; individual and ensemble recorder performance