

Sixth Grade

Bible Curriculum: Summit *Light Bearers*

Lightbearers is a video-based curriculum designed to help students clearly understand the tenets of the Christian worldview, and how they compare to the tenets of the leading humanistic worldviews of our day. Students will learn how to apply their Christian faith to every area of life: theology, philosophy, ethics, biology, sociology, psychology, law, politics, economics, and history.

Language Arts Curriculum:

Reading *Purposeful Design* Publishing

The reading program integrates language arts and literature with lessons in literature that precede each prose selection and teach a progression of language arts skills that build, one on the other. It contains short stories, a complete chapter book, drama, poetry, and nonfiction.

Students study vocabulary and literary terms throughout the text, and they integrate writing skills.

English *BJU* Publishing

Students will focus on parts of speech, sentence structure, mechanics, usage, and writing.

Math Curriculum: *Purposeful Design*

Addition/Subtraction: Associative Property; Commutative Property; Zero Property; estimating sums; 6-digit numbers; fractions; decimals

Multiplication: Commutative Property; Zero Property; Associative Property; Distributive Property; hundreds, thousands, ten thousands; fractions; decimals

Division: long division up to 5 digits; 2- and 3- digit divisors; fractions; decimals

Patterns: geometric patterns; square numbers; square roots; two- and three-dimensional figures; congruent lines, angles, and figures

Number Theory: reading, writing, and problem solving with integers; binary numbers; identifying abundant, deficient, and perfect numbers; rounding numbers

Place Value: reading and writing whole numbers to hundred billions; reading and writing decimals to thousandths

Fractions & Decimals: greatest common factor; comparing and ordering fractions and mixed numbers; finding ratios, proportions, and percent

Measurement: conversions; adding and subtracting; capacity; weight & mass

Time: calculating elapsed time; addition & subtraction

Money: calculating money amounts; everyday applications

Geometry: identifying points, lines, rays, angles, triangles, polygons, quadrilaterals, and circles; identifying solid figures; congruence and symmetry; finding area, perimeter, circumference, and volume

Algebra: using the commutative and associative properties of addition and multiplication;
understanding order of operations; writing and solving equations; factoring

Statistics: collecting, organizing, and analyzing data; making and interpreting
graphs, charts, and tables; understanding mean, median, and mode; interpreting stats;
making line plots; probability basics; advanced probability

Technology: using calculators for problem solving and finding patterns; using interactive boards

Problem Solving: data sources; skills and strategies; computational skills application; map skills

Ratios, Proportions, and Percents

Science Curriculum: *BJU* Publications, Other Resources, and STEAM lab

The scope and sequence for science provides coverage in three major areas:

Earth Science: earthquakes, volcanoes, weathering and erosion, soil, natural resources,
stars, solar system

Life Science: cells and classifications, animal classification, plant classification, plant and
animal reproduction, genetics, nervous system, immune system

Physical Science: motion and machines, electricity, chemistry (atoms, elements, formulas)

Social Studies Curriculum: *BJU* Publications & Other Resources

Developing a Christian worldview of ancient civilization (Creation to AD 1500)

Geography: maps, climate, topography, comparisons of regions

World history: historical events, conflicts between nations, archaeological findings

Government: empires and kingdoms, rulers, development of cities

Economics: trade, currency, job specialization

Culture: religions and philosophies, ancient customs, languages, arts and music, food and
clothing

American history: ancient influences on American government and economy, WWII

All core skills are supported through extra-curricular activities such as PE, Science Olympiad,
and Yearbook. The appreciation of literature is supported through visits to the ECA library and
the public library book mobile.