

7th Grade

Social Studies

- * Lands and peoples of the Eastern Hemisphere
- * Prehistoric peoples
- * Greek, Roman, and Middle Eastern civilizations
- * The Middle Ages
- * Renaissance and Reformation
- * Scientific Revolution
- * Age of Reason (Enlightenment)
- * Industrial Age
- * Yesterday and today around the world: Europe, the Middle East, Africa, Asia, Australia, and the Pacific
- * World trade and resources
- * Contemporary problems and issues
- * Environment
- * World geography
- * Advanced map and globe skills

Science

- * Scientific classification
- * The cell
- * Heredity and genetics
- * Effects of weather and climate
- * Properties and uses of water
- * Atmosphere
- * Air pressure
- * Rocks, soil, and minerals
- * Ecology and environment
- * Conservation
- * Heat and temperature
- * Laws of motion
- * Energy
- * Scientific method
- * Laboratory techniques and safety

Language Arts

- * Improving reading skills
- * Novels, short stories, plays
- * Extending reference skills: dictionaries, atlases, electronic reference materials
- * Myths, legends, ballads
- * Types of poetry
- * Biography and autobiography
- * Planning and producing dramatizations
- * Speech activities
- * Listening skills
- * Refining dictionary skills
- * Spelling
- * Parts of speech
- * Person, number, gender of nouns and pronouns
- * Punctuation of conversation
- * Clauses and phrases
- * Compound sentences
- * Writing descriptions, reports, journals, and letters
- * Note taking and outlining

Health and Safety

- * Good grooming and posture
- * Dental health
- * Healthy habits and lifestyles
- * Exercise and fitness
- * Effects of stimulants and narcotics
- * Functions of the body
- * Circulation and respiration
- * Germ theory
- * Sexually transmitted diseases
- * Family life
- * Toxins and antitoxins
- * Antibiotics
- * Immunization
- * Chemotherapy
- * Genetic disorders
- * Personal and public safety
- * Accident prevention
- * Personality development
- * Substance abuse

Mathematics

- * Prime and composite numbers
- * Square root
- * Order of operations
- * Absolute value
- * Inequalities
- * Numeration
- * Properties of nonnegative integers
- * Rational numbers and fractions
- * Ratio, proportion, percent
- * Finite, infinite, and empty sets
- * Basic geometry concepts and terms
- * Development and use of formulas
- * Perimeter, circumference, area
- * Metric and customary measurement
- * Reading and constructing graphs
- * Measures of central tendency: mean, mode, median, range
- * Elementary business mathematics
- * Use of calculators and computers