

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
- Literary terms
- Novels, short stories, plays
- 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
- Extending reference skills: atlases, directories, encyclopedias, periodicals, on-line information services, CD-ROMs, and other electronic reference material
- Library organization

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