

**Social Studies**

- Global and regional studies
- Countries and cultures of Africa, Latin America, Asia, Australia, the Pacific, and Europe
- Native American cultures
- The Roman Empire
- Relationships among nations: customs, traditions and beliefs, political and economic systems
- United Nations
- Milestones in human achievement
- Transportation and communication
- World trade
- Citizenship and social responsibility
- World geography
- Map and globe skills

**Science**

- Classification of living things
- Ecosystems
- Ecology and the environment
- Microbes
- Algae and fungi
- Human body
- Food for growth and energy
- Climate and weather
- Recycling of resources
- Elementary geology
- Oceans
- Electric and magnetic interactions
- Electricity and its uses
- Sound, light, and heat
- Nuclear energy and radioactivity
- Solar and geothermal energy
- Conservation
- Elements and compounds
- Universe
- Simple astronomy
- Space and space travel
- Scientific theory
- Inventions and discoveries

**Language Arts**

- Reading silently and skimming
- Critical reading skills
- Introduction to mythology
- Types of literature
- Lyric, narrative, dramatic poetry
- Listening skills
- Nonverbal communication
- Extending dictionary skills
- Vocabulary building
- Homonyms, synonyms, antonyms
- Using roots, prefixes, and suffixes
- Spelling
- Concepts of noun, pronoun, verb, adjective, adverb
- Sentence structure
- Diagramming sentences
- Cursive handwriting
- Types of writing: narration, description, exposition, persuasion
- Simple note taking
- Writing outlines, letters, factual matter (reports, newspaper articles), verse (limericks, ballads), creative prose (diary, stories)
- Bibliography building
- Organization of a book
- Using reference books and indexes
- Using on-line information services, CD-ROM's, and other electronic reference materials

**Health and Safety**

- Personal appearance
- Dental health
- Health maintenance
- Our food supply
- Exercise and fitness
- Cure and prevention of common diseases
- The heart
- Accident prevention
- Safety and first aid
- The health professions
- Understanding emotions
- Coping with stress and anxiety
- Preparing for puberty
- Human reproduction
- Substance abuse

**Mathematics**

- Exponents
- Operation of powers
- Set of the integers
- Factoring
- Fundamental operations with fractions, and decimals
- Fundamental operations with compound denominate numbers
- Multiplying and dividing common fractions and mixed numbers
- Relationship between common and decimal fractions
- Problems in percent
- Properties, identification, and construction of geometric figures
- Identification and measurement of angles
- Concepts of similarity, congruence, and symmetry
- Scale drawings
- Customary and metric measurement
- Problem analysis
- Interpreting graphs
- Concepts of averaging and sampling
- Use of calculators and computers