

## 6<sup>th</sup> Grade

### 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

### 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
- \* Human reproduction
- \* Substance abuse
- \* Coping with stress and anxiety
- \* Preparing for puberty

### 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

### 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