

Social Studies

- Growth and development of the United States
 - Colonial life
 - Struggle for independence
 - U. S. Constitution and Bill of Rights
 - Westward movement in America
 - American Civil War
 - Reconstruction
 - U. S. as a world power Meaning of democracy
- Our American culture
- U. S. political system
- U. S. economic system
- U. S. government
- U. S. geography
- Advanced map and globe skills
- Our African, Asian, and European backgrounds
- Exploration and discovery

Science

- Scientific method
- Scientific nomenclature
- Scientific measurement
- Ecology and environment
- Conservation
- Composition of the earth
- Ocean, atmosphere
- Weather
- Water and its uses
- Weathering and erosion
- Recycling of resources
- Magnetism and electricity
- Heat and light
- Forces in liquids and gases
- Wave, mechanical, electrical, and nuclear energy
- The earth's movement
- Newton's three laws of motion
- Machines
- The atom
- Periodic table of elements
- Compounds and mixtures
- Chemical changes
- Astronomy
- The universe and Milky Way
- Space and space travel

Language Arts

- Independent reading
- Literal, inferential, and evaluative reading skills
- Literary terms
- Novel, short story, narrative poetry
- Nonfiction
- Biographies of great Americans
- American poets and storytellers
- Creative dramatics
- Listening and speech activities
- Advanced dictionary work
- Extended vocabulary
- Figures of speech
- Spelling
- Infinitive, participle, gerund, predicate nominative, predicate adjective, direct and indirect object
- Kinds of sentences and their parts
- Functions of sentence elements
- Writing simple business letters
- Report-writing skills
- Improving skills in using basic reference sources
- Inductive and deductive reasoning

Health and Safety

- Grooming
- Functions of the body
- The body's utilization of food
- Types and functions of foods
- Environmental hazards
- Community sanitation and health
- Health care services
- Sexually transmitted diseases
- Accident prevention, safety, and first aid
- Mental hygiene
- Substance abuse

Mathematics

- Maintaining skills in fundamental operations
- Factoring and products
- Sets and simple sentences
- Numeration systems
- Using fractions and decimals
- Ratio, proportion, and percent
- Equalities and inequalities
- Simple formulas and equations
- Graphing an equation
- Powers and roots of rational numbers
- Polynomials
- Metric and nonmetric geometry
- Pythagorean Theorem
- Scale drawing
- Right-triangle trigonometry
- Customary and metric measurement
- Permutations
- Probability statistics
- Statistical terms
- Mathematics of insurance, banking, and taxes