

9th Grade

Social Studies

- * Basic human communities
- * Community, state, and national government
- * Political parties and elections
- * Comparative cultures and religions
- * African American, Hispanic, and other ethnic studies
- * Urban studies
- * Women in our history
- * Conservation, including human conservation
- * Resource management
- * Elementary economics
- * Labor and management
- * Taxation
- * Foundations of American democracy
- * U. S. Constitution
- * Rights and responsibilities of good citizenship
- * United Nations
- * World geography
- * Advanced map and globe skills

Mathematics

General mathematics

- * Ratio and proportion
- * Basic concepts of statistics
- * Mathematical vocabulary
- * Direct and indirect measurement
- * Banks and banking
- * Investment
- * Budgeting
- * Insurance
- * Taxation
- * Graphs and tables
- * Informal geometry
- * Elementary algebra
- * Customary and metric measurement

Algebra 1

- * Absolute value
- * Sets and their relationships
- * Properties of polynomial forms
- * Equations
- * Signed numbers
- * Fundamental operations
- * Equations of the first degree
- * Ratio, proportion, variation
- * Relations and functions
- * Special products and factoring
- * Fractions and fractional equations
- * Square roots
- * Radicals
- * Quadratic equations
- * Elements of probability

Science

- * Earth's history
- * Earth science
- * Ecology and environment
- * Weather and climate
- * Air and air pressure
- * Air masses and fronts
- * Water and its uses
- * Erosion
- * Air and water pollution
- * Heats and fuels
- * Electricity and electronics
- * Solar and nuclear energy
- * Nature and uses of light
- * Simple and complex machines
- * Atomic structure
- * Chemistry of matter
- * Molecular theory
- * Nature and use of chemicals
- * Metals and plastics
- * Space and astronomy
- * Space travel
- * Nature and causes of disease

Language Arts

- * Evaluating material for accuracy
- * Reading the newspaper
- * Analyzing propaganda
- * Advertising
- * Drama and film
- * Analyzing poetry
- * Dramatic poetry
- * Using poetry anthologies
- * Novel and short story
- * Folklore and myths
- * Structure of a play
- * Parable and allegory
- * Interpretation of literature
- * Listening skills
- * Effective discussion techniques and questioning skills
- * Preparing a speech
- * Public speaking and debate
- * The unabridged dictionary
- * Vocabulary
- * Foreign words used in English
- * Grammar
- * Fundamentals of composition
- * Report writing
- * Extended reference skills
- * Special indexes