

Grade	LANGUAGE ARTS	MATHEMATICS	SCIENCE	HISTORY	PHYSICAL EDUCATION	TECHNOLOGY
Sixth Grade	<p>Literature: Students will use reasoning and thinking skills to develop reading strategies necessary for mastery of comprehension skills. Text: <i>Elements of Literature</i> (Holt, Rinehart, Winston), Junior Great Books Literary Forms: novel, short story, poetry, fable, essay, biography Integration of reading and vocabulary Greek mythology unit Book reports</p>	<p>Students will develop skills involving the four basic math operations in preparation for algebra and geometry.</p>	<p>Experiments are designed to increase interest in life, physical, and earth sciences by use of visual aids and tactile activities. Written exercises establish mastery.</p>	<p>Study includes ancient civilizations, geography skills, and the major monotheistic religions and their impact on history.</p>	<p>Students participate in daily fitness activities that promote body awareness, health awareness, sportsmanship, and character development.</p>	<p>Technology instruction transitions from basic computer skills to more complex applications.</p>
	<p>Composition: Students will compose sentences, paragraphs, and essays by using <i>Step Up To Writing, Big 6 Organization and Day Book</i> (Great Source Ed. Group) Study Skills Journal Writing Creative Writing Expository Writing Research Skills Research Presentation/Report</p>	<p>Text: <i>Mathematics</i> (Glencoe) Operations with fractions, decimals, and integers Geometric terminology and basic skills Number line and coordinate plane to express data Introduction to algebraic concepts and skills Metric system Scientific notation Powers and exponents Introduction to graphs and statistics Probability Ratios and Proportions</p>	<p>Text: Scott Foresman Scientific method introduction: data collection, interpretation Lab safety Cells / dissection Genes and heredity: DNA structure Adaptations / evolution Ecosystems and biomes Heat and matter / phases of matter Solutions / chemical reactions Forces / Laws of motion Behavior of light and sound waves Calculating: density, temperature & weight Periodic table Classification of chemical reactions Science Fair Projects</p>	<p>Text: <i>Human Heritage</i> (Glencoe) Geography concepts and skills Prehistoric people Ancient Civilization Mesopotamia Egypt Phoenicians Hebrews The Greeks City States Cultural contributions The Romans The birth of Islam Christianity in history The Early Middle Ages Current Events</p>	<p>Emphasis on physical education Cardiovascular/anaerobic development President's Fitness Challenge Cooperative games enforcing teamwork/sportsmanship: rope and tarp activities, survivor, relays Group games enforcing teamwork and sportsmanship, floor hockey, basketball, kickball, frisbee basketball, line tag, soccer, and volleyball Strength, balance, and coordination development Rope jumping skills for locomotor development Rhythm skills</p>	<p>Keyboarding: 20 WPM PowerPoint (PP): intro to animations and transitions Microsoft Excel: enter data, format cells, enter formulas, create charts & graphs Microsoft Word: insert tables, formatting compositions, letters, reports, outlines, research papers (MLA style) Internet/research Inspiration Software Projects: multiple applications to complete projects and multimedia applications (PP) Desktop Publishing Cross Curricular Activities</p>
	<p>Grammar: Students will learn eight parts of speech. Text: <i>Holt Handbook</i> (Holt, Rinehart, & Winston) <i>Day Book</i> (Great Source Ed. Group) Sentence structure Prepositional phrases Subject/verb agreement, Sentence diagrams Spelling rules, capitalization, and punctuation</p>					
Seventh Grade	<p>Literature: Students will use inferred meaning, vocabulary, sequential order, detail, and main idea to reinforce literary skills and comprehension. Text: <i>Elements of Literature</i> (Holt, Rinehart, Winston), <i>Junior Great Books, & Day Book</i> (Great Source Ed. Group) Evaluate elements of short story and novels; recognize literary devices; critique literary works for setting, plot, characters, author's intent, etc.; explore elements of poetry; book reports</p>	<p>Students will enhance skills relating to rational numbers and their use in algebraic equations.</p>	<p>Experiments are designed to increase interest in life sciences by use of visual aids and tactile activities. Written exercises establish mastery.</p>	<p>Study includes the history of Western Civilization through the Renaissance, the Reformation, and political revolutions. An overview of American government is included in the fourth 9 weeks.</p>	<p>Students participate in daily fitness activities that promote body awareness, health awareness, sportsmanship, and character development.</p>	<p>Technology instruction transitions from basic computer skills to more complex applications.</p>
	<p>Composition: Students will compose sentences, paragraphs, and essays by using <i>Step Up To Writing, Big 6 Organization and Day Book</i> (Great Source Ed. Group) Study Skills 6+1 Traits of Writing Note Taking Poetry Expository Writing Research/Essay</p>	<p>Text: <i>Pre-Algebra</i> (Glencoe) Identification and use of the language of algebra Algebraic equations involving rational numbers Algebraic equations involving multiple steps Linear equations and inequalities on the coordinate plane Functions and Graphing Statistics and probability Application of algebra to geometry Introduction to polynomials</p>	<p>Text: Prentice Hall Scientific method: data collection, interpretation Metric conversions Mathematical calculations: density, temperature Scientific tools / lab safety Origins of life on earth: chemicals of life, characteristics of living organisms Cells / dissection Human body systems: musculoskeletal, digestive, cardiovascular, respiratory, integumentary, excretory, nervous, endocrine, reproductive, immune Science Fair Projects</p>	<p>Geography concepts and skills Emergence of Empires Feudal Society Crusades and inquisitions Rise of trade and towns Rise of monarchies The Renaissance The Reformation The Age of Discovery Political revolutions The American Revolution The French Revolution Industrial Revolution Colonialism and Imperialism American Government Current Events</p>	<p>Emphasis on physical education Cardiovascular/anaerobic development President's Fitness Challenge Cooperative games enforcing teamwork and sportsmanship: rope and tarp activities, survivor, relays Group games enforcing teamwork and sportsmanship: floor hockey, basketball, kickball, frisbee basketball, line tag, soccer, and volleyball Strength, balance, and coordination development Rope jumping skills for locomotor development Rhythm skills Health & Wellness</p>	<p>Keyboarding: 25 WPM PowerPoint: Design Principles, outline/summarize research, appropriate presentation skills Internet/Research: independent research activities Microsoft Word Microsoft Excel Projects: use multiple applications to complete projects: iLife Suite, Comic Life, The Print Shop, Power Point Cross Curricular Activities</p>
	<p>Grammar: Eight parts of speech and grammar rules will be reinforced. Text: <i>Holt Handbook</i> (Holt, Rinehart, & Winston) <i>Day Book</i> (Great Source Ed. Group) Prepositional phrases Dependent clauses and verbal phrases Sentence Diagrams Subject/Verb Agreement & Pronoun/Antecedent Agreement Capitalization and Punctuation</p>					
Eighth Grade	<p>Literature: Students will enhance all comprehension skills through interpretation, analysis, and style. Text: <i>Elements of Literature</i> (Holt, Rinehart, Winston), and <i>Junior Great Books</i> Exposure to, and discussion of, a variety of authors and types of literary works Use of learned vocabulary in writing and speaking Exploration of poetry structure and interpretation Two novels emphasizing on theme, setting, structure style, point of view, irony and satire Book reports</p>	<p>Students will master basic algebra concepts with an emphasis on linear equations and inequalities including the graphing characteristics of each.</p>	<p>Experiments are designed to increase interest in life, physical, and earth sciences by use of visual aids and tactile activities. Written exercises establish mastery.</p>	<p>Study includes the impact of the Industrial Revolution, the effect of wars and armed conflicts on US world power status, economics, social reforms and American culture in the 20th century.</p>	<p>Students participate in daily fitness activities that promote body awareness, health awareness, sportsmanship, and character development.</p>	<p>Technology instruction transitions from basic computer skills to more complex applications.</p>
	<p>Composition: Students will compose sentences, paragraphs, and essays by using <i>Step Up To Writing, Big 6 Organization and Day Book</i> (Great Source Ed. Group) Development of proofreading skills in order to critique writings Completion of all aspects of research essay Research Skills/Essay 6+1 Traits of Writing Study Skills Note Taking Expository Writing SAT Essay Questions Short Story</p>	<p>Text: <i>Algebra I</i> (Glencoe) Mastery of basic Algebra I concepts More complex versions of previous style algebra, i.e., equations and inequalities Operations involving both monomials and polynomials Application of algebra to right triangles including trigonometry Application of learned skills toward the use of an advanced graphing calculator Solving systems of equations Graphing relations and functions Analysis of linear equations Exploring quadratic and exponential functions Radical expressions and equations</p>	<p>Text: Prentice Hall Scientific method: data collection, interpretation Metric conversions Calculations: density, temperature Scientific tools / lab safety Phases of matter: phase changes, atomic structure, ions Periodic table Writing chemical formulas, polyatomic ions Chemical reactions: writing, balancing, classifying 4 types Acids, bases, salts, and pH Forces / laws of motion / energy Sex Education Dissection Science Fair Projects</p>	<p>Geography concepts and skills Industrial Revolution Social reforms The Roaring 20's The Great Depression Nationalism World War I World War II The Cold War Korea Vietnam The Civil Rights Movement Counter Culture of the 60's The rise of Israel Conflicts in the Middle East Current Events</p>	<p>Emphasis on physical education Cardiovascular/anaerobic development President's Fitness Challenge Cooperative games enforcing teamwork & sportsmanship: rope & tarp activities, survivor, relays Group games enforcing teamwork and sportsmanship: floor hockey, basketball, kickball, frisbee basketball, line tag, volleyball, soccer, and flag football Strength, balance, coordination development Rope jumping skills for locomotor development Rhythm skills Health & wellness</p>	<p>Keyboarding: 30 WPM PowerPoint: Design principles, outline/summarize research, appropriate presentation skills Internet/Research: independent research activities Microsoft Word Microsoft Excel Projects: use multiple applications to complete projects - iLife Suite, Comic Life, and The Print Shop Web Page Design (iWeb), create web page using basic design principles</p>
	<p>Grammar: Students will expand use of more complex sentence structure, grammatical usage and mechanics in order to develop concise writing skills. Text: <i>Holt Handbook</i> (Holt, Rinehart, & Winston) <i>Day Book</i> (Great Source Ed. Group) Use of diagramming to strengthen understanding of four types of sentence structure Reinforcement of all grammatical usage and mechanics rule</p>					