

Grade	LITERATURE	LANGUAGE ARTS	MATHEMATICS	SCIENCE	SOCIAL STUDIES	PHYSICAL EDUCATION	TECHNOLOGY
Sixth Grade	Students will use reasoning and thinking skills to develop reading strategies necessary for mastery of comprehension skills.	Students will learn eight parts of speech. Students will compose sentences, paragraphs, and essays.	Students will develop skills involving the four basic math operations in preparation for algebra and geometry.	Experiments are designed to increase interest in life, physical, and earth sciences by use of visual aids and tactile activities. Written exercises establish mastery.	Study includes ancient civilizations, geography skills, and the major monotheistic religions and their impact on history.	Students participate in daily fitness activities that promote body awareness, health awareness, sportsmanship, and character development.	Technology instruction transitions from basic computer skills to more complex applications.
	Text: <i>Elements of Literature</i> (Holt, Rhinehart, Winston), Junior Great Books Integration of reading and vocabulary Greek mythology unit Literary Forms: novel, short story, poetry, fable, essay, biography Oral and written book reports	Text: <i>Warriner's English Composition and Grammar</i> (Harcourt Brace) Sentence structure Prepositional phrases Subject/verb agreement Sentence diagrams Spelling rules Capitalization and punctuation Research essay	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	Text: Scott Foresman series 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 Laws of motion Behavior of light and sound waves Weather Soil and rock formation Solar system Natural resources and conservation Science fair	Text: <i>Human Heritage</i> (Glencoe) Geography skills Ancient civilizations The rise and fall of the Greeks The rise and fall of the Romans The birth of Islam and Christianity in history Prehistoric Man Ancient Mesopotamia Egypt Ancient Hebrews Persians The Franks The Germans The Vikings The Irish and Anglo Saxons Current Events	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, Dr. Ball, frisbee basketball, line tag, beach ball volleyball, volleyball Strength, balance, and coordination development Rope jumping skills for locomotor development Rhythm skills	Keyboarding: 20 WPM PowerPoint: 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 Projects: use of multiple applications to complete projects, use of multimedia applications (PowerPoint & Media Blender)
Seventh Grade	Students will use inferred meaning, vocabulary, sequential order, detail, and main idea to reinforce literary skills and comprehension.	The eight parts of speech and the grammar rules will be reinforced. Writing skills will be expanded by using more complex sentence structure and proofreading skills.	Students will enhance skills relating to rational numbers and their use in algebraic equations.	Experiments are designed to increase interest in life sciences by use of visual aids and tactile activities. Written exercises establish mastery.	Study includes the history of Western Civilization through the Renaissance and Reformation, American government, and the French Revolution.	Students participate in daily fitness activities that promote body awareness, health awareness, sportsmanship, and character development.	Technology instruction transitions from basic computer skills to more complex applications.
	Text: <i>Elements of Literature</i> (Holt, Rhinehart, Winston), Junior Great Books Evaluate elements of short story and novel Recognize literary devices Critique literary works for setting, plot, characters, author's intent, etc. Explore elements of poetry Oral and written book reports	Text: <i>Warriner's English Composition and Grammar</i> (Harcourt Brace) Prepositional phrases Dependent clauses and verbal phrases Sentence diagrams Subject-verb agreement Pronoun-antecedent agreement Capitalization and punctuation Research essay	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	Text: Prentice Hall series 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	The rise of Monarchies and Religion Crusades Inquisitions Feudalism The Renaissance The Reformation Civics (3 Branches of Government) Legislative Judicial Executive French Revolution Westward Expansion Industrial Revolution Independent Study Projects Geography Skills Current Events	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, Dr. Ball, frisbee basketball, line tag, beach ball volleyball, volleyball Strength, balance, and coordination development Rope jumping skills for locomotor development Rhythm skills	Keyboarding: 25 WPM PowerPoint: Design Principles, outline/summarize research, appropriate presentation skills Internet/Research Microsoft Word Microsoft Excel Projects: use multiple applications to complete projects Email: send/receive mail using The Anthony School Web Mail System, use attachments, set up address books Intro to Web Page Design (Dreamweaver), create web page using basic design principles
Eighth Grade	Students will enhance all comprehension skills through interpretation, analysis, and style.	Students will expand use of more complex sentence structure, grammatical usage, and mechanics in order to develop concise writing skills.	Students will master basic algebra concepts with an emphasis on linear equations and inequalities including the graphing characteristics of each.	Experiments are designed to increase interest in life, physical, and earth sciences by use of visual aids and tactile activities. Written exercises establish mastery.	Study includes the impact of the Industrial Revolution on the 20th century, conflicts defining the US in the 20th century, and American culture and its influence on the world.	Students participate in daily fitness activities that promote body awareness, health awareness, sportsmanship, and character development.	Technology instruction transitions from basic computer skills to more complex applications.
	Text: <i>Elements of Literature</i> (Holt, Rhinehart, Winston), Junior Great Books 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 Oral and written book reports	Text: <i>Warriner's English Composition & Grammar</i> (Harcourt Brace) Use of diagramming to strengthen understanding of four types of sentence structure Reinforcement of all grammatical usage and mechanics rules Development of proofreading skills in order to critique writings Completion of all aspects of research essay	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	Text: Prentice Hall series 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 Fluids / work & machines Sex Education / Nutrition Science fair	Industrial Revolution Imperialism Social Reforms The Roaring 20s The Great Depression World War I World War II The Cold War Korea Vietnam The Civil Rights Movement 60s Counter Culture The rise of Israel and the conflicts in the Middle East Independent Study Projects Geography Skills Current Events	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, Dr. Ball, frisbee basketball, line tag, beach ball volleyball, volleyball, soccer, flag football Strength, balance, coordination development Rope jumping skills for locomotor development Rhythm skills Health & wellness	Keyboarding: 30 WPM PowerPoint: Design principles, outline/summarize research, appropriate presentation skills Internet/Research Microsoft Word Microsoft Excel Projects: use multiple applications to complete projects Email: send/receive mail using The Anthony School Web Mail System, use attachments, set up address books Web Page Design (Dreamweaver), create web page using basic design principles