

	Grade 6	Grade 7	Grade 8	
ENGLISH/LANGUAGE ARTS	<p>Literature</p> <ul style="list-style-type: none"> · Author study · Historic fiction · Multi-cultural novels · Poetry · Realistic fiction <p>Vocabulary</p> <p>Writing</p> <ul style="list-style-type: none"> · Descriptive · Expository · Friendly formal letter · Literary responses · Narrative · Poetry · Student biography <p>Grammar</p> <p>Class Play</p>	<p>Literature</p> <ul style="list-style-type: none"> · Author Study · Biography, autobiography · Poetry · Realistic fiction · Short stories <p>Vocabulary</p> <p>Writing</p> <ul style="list-style-type: none"> · Biography of senior citizen · Book review · Descriptive · Expository · Friendly formal letter · Literary responses · Persuasive · Poetry <p>Grammar</p> <p>Musical Production</p>	<p>Literature</p> <ul style="list-style-type: none"> · Independent reading · Nonfiction Memoirs, autobiographies, biographies, essays, articles · Novels Realistic fiction, historic fiction, science fiction, fantasy · Picture books · Poetry · Short Stories <p>Vocabulary</p> <p>Writing</p> <ul style="list-style-type: none"> · Analytical essay · Autobiography, biography · Book review · Business letter · Journal responses · Memoirs <p>Grammar, Oral Presentation</p> <p>Shakespeare Production</p>	<ul style="list-style-type: none"> · Newspaper articles · Personal essay · Persuasive essay · Poetry · Short story · Wiki/blog
MATH	<p>Algebraic concepts</p> <p>Computation skills with positive real numbers</p> <p>Counting and probability</p> <p>Data analysis and graphing</p> <p>Geometry, measurement, and three dimensions</p> <p>Geometric reasoning</p> <p>Negative numbers</p> <p>Order of operations</p> <p>Problem solving</p> <p>Ratios, rates, proportions, percents</p> <p>The language of algebra and order of operations</p>	<p>Pre-Alg (7th or 8th)</p> <p>Data analysis and graphing</p> <p>Expressions, powers, equations, and the distributive property</p> <p>Linear functions</p> <p>Mathematical writing</p> <p>Measurement - area, volume, and the Pythagorean theorem</p> <p>Negative numbers, variables, and properties</p> <p>Probability</p> <p>Problem solving</p> <p>Ratios, rates, proportions and percents</p> <p>Rational numbers and exponents</p> <p>Tessellations and the coordinate plane</p>	<p>Algebra I (7th or 8th)</p> <p>Equations</p> <p>Exponents</p> <p>Expressions</p> <p>Inequalities</p> <p>Linear function</p> <p>Mathematical writing</p> <p>Polynomials</p> <p>Problem solving</p> <p>Quadratic equations</p> <p>Radical expressions and equations</p> <p>Rational expressions and equations</p> <p>Systems of equations and inequalities</p>	<p>Geometry</p> <p>Algebra review and graphing</p> <p>Area and perimeter</p> <p>Congruent triangles</p> <p>Circles</p> <p>Deductive reasoning and proof</p> <p>Extensions and quadrilaterals</p> <p>Mathematical writing</p> <p>Parallel lines</p> <p>Problem solving</p> <p>Similarity</p> <p>Surface area and volume</p> <p>The language of logic and proof</p> <p>Trigonometry and right triangles</p>
SCIENCE	<p>Introduction to Science</p> <ul style="list-style-type: none"> · Scientific method, safety, tools and vocabulary <p>Characteristics of Living Things</p> <ul style="list-style-type: none"> · Cell structure and function <p>Systems of the Human Body</p> <ul style="list-style-type: none"> · This unit is a focus of the sixth grade curriculum. All major body systems are studied. <p>Wildlife</p> <ul style="list-style-type: none"> · Classification · Evolution · Endangered species · Life under the microscope <p>NEAL</p>	<p>Introduction to Science</p> <ul style="list-style-type: none"> · Scientific method, safety, tools and vocabulary <p>Earth Science</p> <ul style="list-style-type: none"> · Environment, water quality · Erosion · Evolution · Geological time <p>Astronomy</p> <ul style="list-style-type: none"> · The sun, earth, and moon · The solar system <p>Climate Changes</p> <p>Geology</p> <ul style="list-style-type: none"> · Earthquakes and volcanoes · Plate tectonics <p>NEAL</p>	<p>Introduction to Science</p> <ul style="list-style-type: none"> · Scientific method, safety, tools and vocabulary <p>Chemistry</p> <ul style="list-style-type: none"> · Atomic structure · Chemical reactions and bonds · Matter · Organic chemistry · Solutions <p>Physics</p> <ul style="list-style-type: none"> · Electricity · Energy · Heat and temperature <p>NEAL</p>	<ul style="list-style-type: none"> · Motion · Work and power
SOCIAL STUDIES	<p>Comparative religions</p> <ul style="list-style-type: none"> · Buddhism · Christianity <ul style="list-style-type: none"> · Islam · Judaism <p>Meso-American and West African studies</p> <p>New World Exploration</p> <p>Renaissance</p> <p>Elizabethan England</p> <p>Age of Kings</p> <p>Age of Reason</p> <p>Geography</p> <p>Current events</p>	<p>US History</p> <ul style="list-style-type: none"> · Native Americans · European explorers · Pre-Revolutionary War · Revolutionary War · The Constitution · Pre-Civil War America · American Civil War · Reconstruction <p>Geography</p> <p>Current Events</p>	<p>Economics</p> <ul style="list-style-type: none"> · Capitalism · Entrepreneurialism · Keynesian economics · Mortgage <p>US History</p> <ul style="list-style-type: none"> · Civil Rights · Cold War · Peace Movement <ul style="list-style-type: none"> · Vietnam · Depression · Holocaust <p>Geography</p> <p>Current Events</p>	<ul style="list-style-type: none"> · Property ownership · Simple and compound interest · The Stock Market · WWII
WORLD LANGUAGE	<p>Latin</p> <p>Culture</p> <p>Reading and writing</p> <p>Speaking and listening</p> <p>Vocabulary and grammar</p>	<p>French or Spanish</p> <p>Language choice is a two-year commitment. Seventh grade language is the equivalent of half of a year of high school language.</p> <p>Culture</p> <p>Derivations</p> <p>Reading and writing</p> <p>Speaking and listening</p> <p>Vocabulary and grammar</p>	<p>French or Spanish</p> <p>Skills continued from seventh grade with advancement to high school second or third year language upon successful completion.</p> <p>Culture</p> <p>Derivations</p> <p>Reading and writing</p> <p>Speaking and listening</p> <p>Vocabulary and grammar</p>	
TECH	<p>E-mail</p> <p>Internet usage and safety</p> <p>Keyboarding</p> <p>Microsoft Office</p> <p>Project based</p>	<p>Technology is integrated as a tool for research and instruction.</p>	<p>Technology is integrated as a tool for research and instruction.</p>	
ART	<p>Ceramics</p> <p>Crafts</p> <p>Drawing</p> <p>Geometry in Art project</p> <p>Jewelry</p> <p>Painting</p> <p>Perspective</p> <p>Printmaking</p> <p>Sculpture</p> <p>Set design</p>	<p>Ceramics</p> <p>Crafts</p> <p>Decoupage</p> <p>Drawing</p> <p>Painting</p> <p>Paper making</p> <p>Perspective and Surrealism project</p> <p>Printmaking</p> <p>Sculpture</p> <p>Set design</p>	<p>Art Appreciation</p> <p>Art History</p> <p>Ceramics</p> <p>Collage</p> <p>Crafts</p> <p>Drawing</p> <p>Oil Painting project</p> <p>Printmaking</p> <p>Sculpture</p> <p>Set design</p>	
MUSIC	<p>Elements of Music</p> <ul style="list-style-type: none"> · Composition · Form <ul style="list-style-type: none"> · Genre · Imagery <ul style="list-style-type: none"> · Notation · Rhythm in rounds <p>Improvisational Skills</p> <ul style="list-style-type: none"> · Movement <p>Performances</p> <ul style="list-style-type: none"> · Concerts <p>Vocal Techniques</p> <ul style="list-style-type: none"> · Aural skills 	<p>Elements of Music</p> <ul style="list-style-type: none"> · Composition · Form <ul style="list-style-type: none"> · Genre · Imagery <ul style="list-style-type: none"> · Notation · Rhythm in rounds <p>Improvisational Skills</p> <ul style="list-style-type: none"> · Movement <p>Performances</p> <ul style="list-style-type: none"> · Concerts <p>Vocal Techniques</p> <ul style="list-style-type: none"> · Aural skills 	<p>Elements of Music</p> <ul style="list-style-type: none"> · Composition · Form <ul style="list-style-type: none"> · Genre · Imagery <ul style="list-style-type: none"> · Notation · Rhythm in rounds <p>Improvisational Skills</p> <ul style="list-style-type: none"> · Movement <p>Performances</p> <ul style="list-style-type: none"> · Concerts <p>Vocal Techniques</p> <ul style="list-style-type: none"> · Aural skills 	
PHYSICAL EDUCATION	<p>Basketball</p> <p>Cross country</p> <p>Field hockey, lacrosse</p> <p>Soccer</p> <p>Track and Field, volleyball</p> <p>Outdoor education, fitness</p> <p>Sportsmanship</p>	<p>Basketball</p> <p>Cross country</p> <p>Field hockey, lacrosse</p> <p>Soccer</p> <p>Track and Field, volleyball</p> <p>Outdoor education, fitness</p> <p>Sportsmanship</p>	<p>Basketball</p> <p>Cross country</p> <p>Field hockey, lacrosse</p> <p>Soccer</p> <p>Track and Field, volleyball</p> <p>Outdoor education, fitness</p> <p>Sportsmanship</p>	