

**5th Grade Year-Long Plan
First Nine Weeks**

Language Arts	Math	Social Studies	Science	Art
<p>Writing, Grammar, Usage</p> <p>Poetry “A Wise Old Owl” “I Hear America Singing” “I, too, sing America” “The Eagle” “A bird came down the walk”</p> <p>Fiction and Drama Tales of Sherlock Holmes “The Red-Headed League”</p> <p><i>The Adventures of Tom Sawyer</i></p> <p>Sayings Birthday Suit Bite the hand that feeds you. Chip on your shoulder Count your blessings. Eat crow Eleventh hour Eureka! Every cloud has a silver lining.</p> <p>(See Theatre Arts Curriculum for performing arts integration ideas)</p>	<p>INVESTIGATIONS 43 lessons</p> <p>Unit 1: <i>Number Puzzles and Multiple Towers</i> Inv 1 (7 lessons) Inv 2 (7 lessons) Inv 3 (8 lessons)</p> <p>Unit 2: <i>Prisms and Pyramids</i> Inv 1 (7 lessons) Inv 2 (4 lessons) Inv 3 (5 lessons)</p> <p>Unit 3: <i>Thousands of Miles, Thousands of Seats</i> Inv 1 (5 lessons)</p>	<p>Geography 5.1A Great Lakes of the World 5.1A</p> <p>Economics 5.1B</p> <p>Meso-American and Native American Civilizations 5.1C</p> <p>Civics and Government 5.1D</p> <p>Research 5.1E</p>	<p>Scientific Thinking & Practice 5.1A (to be taught each nine weeks)</p> <p>Physical Science 5.1B</p> <p>Chemistry: Atoms Matter Periodic Table Elements Percy Lavon Julian</p> <p>Energy: Transfer, change and conservation of energy Heat transfer Different forms of energy Energy storage and conversion</p> <p>Journey into Science Kit Molecules and Atoms Students construct their own understanding of the patterns found in the Periodic Table and then examine phase changes which includes working with a metal that melts in hot water. Students grow many kinds of crystals and use paper models to explore their geometry. (Aug. 17-Oct. 16)</p> <p>Journey into Science Kit Healthy Science This four lesson unit can stand on its own or serve as an introduction to a human development/puberty unit. Students learn about cells in the context of inherited characteristics before examining plant and animal cells. Small groups learn about and report on a body system as the class completes a giant puzzle that goes from the smallest cell to their place in the world. (Aug. 17-Oct. 16)</p>	<p>Elements of Art: line, shape, form, space, texture, color, light, design, symmetry 5.1A</p> <p>Explore and use art materials 5.1B</p> <p>Create artwork 5.1C</p> <p>Recognize famous art: <i>Arnolfini Wedding</i> <i>by Jan vanEyck</i> 5.5A, B, 5.6A <i>The Birth of Venus</i> by Sandro Botticelli <i>Durer’s Self-Portrait</i> 5.6A</p> <hr/> <p align="center">Music</p> <hr/> <p>God Bless America 5.8C</p> <p>Danny Boy 5.6A</p> <p>Greensleeves 5.7A</p> <p>Dona Nobis Pacem 5.1A</p> <p>Hava Nagilah 5.1C</p> <p>Sakura 5.3B</p> <p>(See Dance Curriculum for performing arts integration ideas)</p>

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<p>Writing, Grammar, Usage</p> <p>Poetry “The Tiger” “I like to see it lap the miles” “The Road Not Taken” “Jabberwocky” “A Poison Tree”</p> <p>Fiction and Drama</p> <p>Episodes from <i>Don Quixote</i></p> <p><i>A Midsummer Night’s Dream</i></p> <p>Sayings Few and far between Forty winks The grass is always greener on the other side of the hill. Kill two birds with one stone Lock, stock and barrel Make a mountain out of a molehill A miss is as good as a mile.</p> <p>(See Theatre Arts Curriculum for performing arts integration ideas)</p>	<p>INVESTIGATIONS 38 lessons</p> <p>Unit 3: <i>Thousands of Miles, Thousands of Seats (cont.)</i> Inv 2 (5 lessons) Inv 3 (5 lessons)</p> <p>Unit 4: <i>What’s That Portion?</i> Inv 1 (5 lessons) Inv 2 (6 lessons) Inv 3 (10 lessons)</p> <p>Unit 5: <i>Measuring Polygons</i> Inv 1 (7 lessons)</p>	<p>European History 5.2A</p> <ul style="list-style-type: none"> European Exploration, Trade and the Clash of Cultures The Renaissance and the Reformation England from the Golden Age to the Glorious Revolution <p>American Revolution 5.2B</p> <p>Government: national, tribal, state, and local 5.2C</p> <p>US and NM symbols, customs, governance, etc. 5.2D</p>	<p>Scientific Thinking & Practice 5.1A (to be taught each nine weeks)</p> <p>Physical Science (5.1B) cont. Laws of Motion Electrical Energy</p> <p>Journey into Science Kit Simple Machines Not just simple machines but an entire kit on mechanics—forces, velocity, acceleration, and friction. Students store energy in a toy they make and use spring scales to explore the relationships and trade-offs found in levers, inclined planes, and pulley systems. (Nov. 2-Jan. 22)</p> <p>Life Science 5.2A Cells: Structures and Processes 5.3A Endocrine System Ernest Just</p> <p>Ecosystems</p>	<p>Elements of Art: line, shape, form, space, texture, color, light, design, symmetry 5.1A</p> <p>Explore and use art materials 5.1B</p> <p>Create artwork 5.1C</p> <p>Recognize famous art:</p> <p><i>Mona Lisa</i> and <i>The Last Supper</i> by Leonardo da Vinci 5.4B,5.6A <i>The Small Cowper Madonna</i> by Raphael 5.6A The ceiling of the Sistene Chapel, especially <i>The Creation of Adam</i> by Michelangelo <i>Peasant Wedding Dance</i> by Pieter Bruegel 5.6A</p> <p>Renaissance sculpture: <i>Saint George</i> by Donatello</p> <p>Renaissance architecture: St. Peter’s Cathedral Dome on the Cathedral of Florence 5.6A</p> <hr/> <p align="center">Music</p> <hr/> <p><i>A Midsummer Night’s Dream Overture, Scherzo, and Wedding March</i> by Felix Mendelssohn 5.V.D.6</p> <p>Renaissance Music 5.3B</p> <p>(See Dance Curriculum for performing arts integration ideas)</p>

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<p>Writing, Grammar, Usage</p> <p>Poetry “Battle Hymn of the Republic” “O Captain! My Captain” “The Snowstorm” “Narcissa” “Barbara Frietchie”</p> <p>Fiction and Drama <i>Little Women</i> (Part First) <i>Narrative of the Life of Frederick Douglass</i></p> <p>Speech “The Gettysburg Address”</p> <p>Sayings It’s never too late to mend. Out of the frying pan and into the fire. A penny saved is a penny earned. Read between the lines. Sit on the fence Steal his/her thunder Take the bull by the horns.</p> <p>(See Theatre Arts Curriculum for performing arts integration ideas)</p>	<p>INVESTIGATIONS 44 lessons</p> <p>Unit 5: <i>Measuring Polygons (cont.)</i> Inv 2 (6 lessons) Inv 3 (5 lessons)</p> <p>Unit 6: <i>Decimals on Grids and Number Lines</i> Inv 1 (10 lessons) Inv 2 (8 lessons)</p> <p>Unit 7: <i>How Many People? How Many Teams?</i> Inv 1 (4 lessons) Inv 2 (4 lessons) Inv 3 (7 lessons)</p>	<p>Westward Expansion Before the Civil War 5.3A</p> <p>The Civil War 5.3A</p>	<p>Scientific Thinking & Practice 5.1A (to be taught each nine weeks)</p> <p>Life Science 5.2A cont. Genetics and Evolution Botany Carl Linnaeus Zoology</p> <p>Journey into Science Kit Biomes Students examine the components of environments and biomes including food webs, predator/prey relationships, and the importance of decomposers. Then students work on teams to research one particular biome and as individuals to learn more about a particular interaction or organism within that biome. (Feb. 8-Apr 17)</p> <p>Earth & Space Science 5.3A Solar System Space exploration Galileo</p> <p>Weather, Climate & Water Cycle</p>	<p>Elements of Art: line, shape, form, space, texture, color, light, design, symmetry 5.1A</p> <p>Explore and use art materials 5.1B</p> <p>Create artwork 5.1C</p> <p>Recognize famous art: <i>The Oxbow</i> by Thomas Cole 5.6A <i>The Rocky Mountains and Lander’s Peak</i> by Albert Bierstadt 5.6A <i>Fur Traders Descending the Missouri</i> by George Caleb Bingham 5.6A <i>Eel Spearing at Setauket</i> By William Sidney Mount</p> <hr/> <p>Civil War art: 5.6A Photography of Matthew Brady The Shaw Memorial</p> <hr/> <p style="text-align: center;">Music</p> <hr/> <p>Battle Hymn of the Republic 5.1D Spirituals such as: 5.6A Down by the Riverside Marian Anderson Spirituals</p> <p>Shenandoah 5.3C</p> <p>Beethoven’s <i>Symphony #5</i> 5.2A</p>

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<p>Writing, Grammar, Usage</p> <p>Poetry “Casey at the Bat” “Some Opposites” “The Arrow and the Song”</p> <p>Fiction and Drama The Secret Garden American Indian trickster stories Morning Star and Scarface: the Sun Dance A Tale of the Oki Islands (The Samurai’s Daughter)</p> <p>Speech “I will fight no more forever”</p> <p>Sayings Till the cows come home Time heals all wounds. Tom, Dick and Harry Vice versa A watched pot never boils. Well begun is half done. What will be will be.</p> <p>(See Theatre Arts Curriculum for performing arts integration ideas)</p>	<p>INVESTIGATIONS 33 lessons</p> <p>Unit 7: <i>How Many People? How Many Teams? (cont.)</i> Inv 4 (5 lessons)</p> <p>Unit 8: <i>Growth Patterns</i> Inv 1 (5 lessons) Inv 2 (8 lessons)</p> <p>Unit 9: <i>How Long Can You Stand on One Foot?</i> Inv 1 (4 lessons) Inv 2 (6 lessons) Inv 3 (5 lessons)</p>	<p>Westward Expansion after the Civil War 5.4A</p> <p>Native Americans: Cultures and Conflicts 5.4A</p> <p>Russia: Early Growth and Expansion 5.4B</p> <p>Feudal Japan 5.4C</p>	<p>Scientific Thinking & Practice 5.1A (to be taught each nine weeks)</p> <p>Science & Society 5.4A Scientific discoveries and inventions Galileo (Astronomy/Gravity) Percy Lavon Julian (Chemist) Ernest Just (Biology) Carl Linnaeus (Botanist)</p> <p>Journey into Science Kit Planet Earth/Our Universe This unit begins close to home with an examination of the atmosphere, the role of water in our weather, and New Mexico water issues. Into the Sky traces the history of manned and unmanned space exploration before the unit blasts off to discover the solar system, the universe, and what lies beyond. (Feb. 8-Apr.17)</p>	<p>Elements of Art: line, shape, form, space, texture, color, light, design, symmetry 5.1A</p> <p>Explore and use art materials 5.1B</p> <p>Create artwork 5.1C</p> <p>Recognize famous art: American Farm Scenes by Currier and Ives 5.4A</p> <p>Art of Japan The Great Buddha 5.6A Landscape gardens 5.6A, 5.8A</p> <hr/> <p style="text-align: center;">Music</p> <hr/> <p>“Git Along Little Dogies” 5.4A</p> <p>“The Happy Wanderer” 5.2A</p> <p>“If I Had a Hammer” 5.4B</p> <p>“Red River Valley” 5.5A</p> <p>“Sweet Betsy from Pike” 5.5C</p> <p>Music by Mussorgsky 5.1B, 5.3A</p> <p>(See Dance Curriculum for performing arts integration ideas)</p>

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