

# 6th Grade Core Areas

<p><b>English Language Arts - Reading</b></p> <p>A variety of text types including poetry and selected short stories and choice novels.</p> <p>Critical reading and analysis of texts with focus on reinforcement of figurative language, author's purpose, main idea, and details.</p>	<p><b>English Language Arts - Writing</b></p> <p>Argument, Informative, Narrative, Creative writing as deemed appropriate by the teacher.</p> <p>Grammar using IXL for individualized instruction.</p>
<p><b>Mathematics - Level 1 &amp; 2</b></p> <p>Geometry and statistics units Intro to Algebraic concepts</p>	<p><b>Mathematics - Accelerated</b></p> <p>Algebraic expressions, equations and inequallities</p>
<p><b>Science</b></p> <p>Plants: Structure, function and adaptation.</p> <p>Ecology: Flow of energy through life and the environment.</p>	<p><b>Social Studies</b></p> <p><b>Asia - Culture</b> How different places have different cultures. Focus on religions and diffusion.</p> <p><b>Oceania - Human - Environmental Interactions - <i>Optional</i></b> How people can positively or negatively impact their local and global environments.</p>

# 7th Grade Core Areas

<p><b>English Language Arts - Reading</b></p> <p>A variety of text types including poetry and selected short stories and choice novels.</p> <p>Critical reading and analysis of texts with focus on reinforcement of figurative language, author's purpose, main idea, and details.</p>	<p><b>English Language Arts - Writing</b></p> <p>Argument, Informative, Narrative, Creative writing as deemed appropriate by the teacher.</p> <p>Grammar using IXL for individualized instruction.</p>
<p><b>Mathematics - Level 1 &amp; 2</b></p> <p>Statistics and Probability Unit Review of solving algebraic equations</p>	<p><b>Mathematics - Algebra 1</b></p> <p>Polynomials Goal: try to introduce factoring with leading coefficient <math>a &gt; 1</math></p>
<p><b>Science</b></p> <p>Earth, Moon, Sun Solar system</p>	<p><b>Social Studies</b></p> <p><b>American Revolution (3 weeks)</b> Why the American Colonies revolted against Britain.</p> <p><b>Articles of Confederation (2 weeks)</b> How the American Nation established our first government.</p> <p>**The Constitution will be covered by ALL 8th-grade teachers in fall 2020.</p>

# 8th Grade Core Areas

<p><b>English Language Arts - Reading</b></p> <p>A variety of text types including poetry and selected short stories and choice novels.</p> <p>Critical reading and analysis of texts with focus on reinforcement of figurative language, author's purpose, main idea, and details.</p>	<p><b>English Language Arts - Writing</b></p> <p>Argument, Informative, Narrative, Creative writing as deemed appropriate by the teacher.</p> <p>Grammar using IXL for individualized instruction.</p>
<p><b>Mathematics - Pre-Alg 8</b></p> <p>Unit 6: Data Analysis Unit 8: Irrational Numbers</p>	<p><b>Mathematics - Algebra 1</b></p> <p>Polynomials Goal: try to introduce factoring with leading coefficient <math>a &gt; 1</math></p>
<p><b>Mathematics - Geometry</b></p> <p>Circles Right Triangles and Intro to Trig</p>	
<p><b>Science</b></p> <p>Populations Interactions among living things Natural selection Cells</p>	<p><b>Social Studies</b></p> <p><b>Civil War (2 weeks)</b> Causes and major events of the Civil War.</p> <p><b>Reconstruction (2 weeks)</b> The successes and failures of Reconstruction in America after the Civil War.</p> <p><b>Post-Reconstruction America (1 week)</b> Industrialization &amp; Progressivism</p>