

Hellgate Elementary School District #4 – 7th Grade

Mathematics	English Language Arts/Reading	Social Studies	Science	Whole Child Skill Development
<p align="center"><u>Big Ideas Math</u></p> <p>7th Math</p> <ul style="list-style-type: none"> • <i>The Number System</i> – Perform Rational Number Operations Chapter 1: Integers, 7.NS.1–3 Chapter 2: Rational Numbers, 7.NS.1–3 • <i>Expressions & Equations</i> – Generate Equivalent Expressions; Solve Problems Using Linear Equations & Inequalities Chapter 3: Expressions and Equations, 7.EE.1–2, 4 Chapter 4: Inequalities, 7.EE.4 • <i>Ratios & Proportional Relationships</i> – Analyze Proportional Relationships Chapter 5: Ratios and Proportions, 7.RP.1–3 Chapter 6: Percents, 7.RP.3, 7.EE.3 • <i>Geometry</i> – Understand Geometric Relationships; Solve Problems Involving Angles, Surface Area, & Volume Chapter 7: Constructions and Scale, 7.G.1–2, 5 	<p align="center"><u>ELA Novels</u></p> <p><i>Hattie Big Sky</i> <i>Paperboy</i> <i>Shooting Kabul</i> <i>The Making of a Navy Seal: My Story of Surviving the Toughest Challenge and Training the Best</i> <i>Claudette Colvin: Twice Toward Justice</i> <i>Savvy</i> <i>The Westing Game</i></p> <p align="center"><u>Step Up to Writing</u></p> <p>Comprehensive Instruction in the Three Types of Writing:</p> <ol style="list-style-type: none"> 1. Informative/Explanatory, 2. Opinion/Argument, and 3. Narrative 	<p align="center"><u>Into Social Studies</u></p> <p>World History Ancient Civilizations Through the Renaissance</p> <ul style="list-style-type: none"> • Unit 6: Islamic and African Civilizations • Unit 7: Empires of Asia and the Americas • Unit 8: Renewal in Europe <p>Montana History</p> <ul style="list-style-type: none"> • Geography <ul style="list-style-type: none"> ○ Counties and county seats ○ Rives, mountains, etc ○ Reservation names and tribes who live there • Montana’s first people • Evolution from using dogs to horses, and bow and arrow to gun • Explorers make contact • The fur trade and impact on native cultures • Ranching, railroads, and settlement • Politics and Copper Kings • Various up to 2007 	<p align="center"><u>Science Dimensions</u></p> <p>Engineering and Design Module A: Engineering and Science</p> <ul style="list-style-type: none"> • Unit 2: The Practices of Engineering <p>Life Science Module D: The Diversity of Living Things</p> <ul style="list-style-type: none"> • Unit 1: The History of Life on Earth • Unit 2: Evolution • Unit 3: Human Influence on Inheritance <p>Earth and Space Science Module E: Earth’s Water and Atmosphere</p> <ul style="list-style-type: none"> • Unit 1: Circulation of Earth’s Air and Water • Unit 2: Weather and Climate <p>Module F: Geologic Processes and History</p> <ul style="list-style-type: none"> • Unit 1: The Dynamic Earth • Unit 2: Earth through Time <p>Physical Science Module I: Energy and Energy</p>	<p><u>CONNECT</u> Daily/Weekly meetings for class discussions, reflection, and instruction surrounding whole child skill development.</p> <p><u>PAX Good Behavior Game</u> Trauma-informed, classroom-based intervention that supports self-regulation and pro-social behavior.</p> <p><u>Second Step</u> Designed to reduce impulsive, high-risk, and aggressive behaviors and increase children's social competence and other protective factors.</p> <p><u>Olweus</u> Bully prevention program</p>

<p>Chapter 8: Circles and Area, 7.G4, 6 Chapter 9: Surface Area and Volume, 7.G4, 6</p> <ul style="list-style-type: none"> • <i>Statistics & Probability</i> – Analyze & Compare Populations; Find Probabilities of Events <p>Chapter 10: Probability and Statistics, 7.SP.1-8 7th Accelerated</p> <ul style="list-style-type: none"> • <i>Number & Quantity</i> – Analyze Proportional Relationships; Perform Real Number Operations; Use Radicals & Integer Exponents • <i>Algebra</i> – Generate Equivalent Expressions; Connect Proportional Relationships & Lines; Solve Problems Using Linear Equations & Inequalities • <i>Geometry</i> – Understand Geometric Relationships & Similarity; Solve Problems Involving Angles, Surface Area, & Volume • <i>Statistics & Probability</i> – Analyze & Compare Populations; Find Probabilities of Events 			<p>Transfer</p> <ul style="list-style-type: none"> • Unit 1: Energy • Unit 2: Energy Transfer <p>Human and Health Development Presentation</p>	
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IEFA Mathematics	IEFA ELA/Reading	IEFA Social Studies	IEFA Science	District/State Assessments
<p>Big Ideas - Chapter 9 - Surface area and volume of pyramids</p> <p>Reservation Land Areas - Montana OPI IEFA</p>	<p>Evaluation of history and symbolism of Montana Tribe's seals using information from OPI</p>	<p>*Montana Indian Education – see above</p> <p>The 7th Grade text and curriculum cover an extensive amount of Native Montanan history. The mt.gov website has videos, projects and supplemental materials to draw from.</p> <p>https://svcalt.mt.gov/education/textbook/Introduction.asp</p>		<p><u>Measures of Academic Progress (MAP)</u> 2 x per year (formative)</p> <p><u>Montana Alternative Student Testing (MAST)</u> 4 x per year (formative/summative)</p>