

## Hellgate Elementary School District #4 – 4th Grade

Mathematics	English Language Arts/Reading	Social Studies	Science	Whole Child Skill Development
<p style="text-align: center;"><u>Envision Math</u></p> <p><u>Trimester 1:</u>                      Topic 1 – Generalize Place Value Understanding                      Topic 2 – Fluently Add &amp; Subtract Multi-Digit Whole Numbers                      Topic 3 – Use Strategies &amp; Properties to Multiply by 1-Digit Numbers                      Topic 4 – Use Strategies &amp; Properties to Multiply by 2-Digit Numbers</p> <p><u>Trimester 2:</u>                      Topic 5 – Use Strategies &amp; Properties to Divide by 1-digit Numbers                      Topic 6 – Use Operations with Whole Numbers to Solve Problems                      Topic 7 – Factors &amp; Multiples                      Topic 8 – Extend Understanding of Fraction Equivalence &amp; Ordering                      Topic 9 – Understand Addition &amp; Subtraction of Fractions                      Topic 10 – Extend Multiplication Concepts to Fractions</p> <p><u>Trimester 3:</u>                      Topic 11 – Represent &amp; Interpret Data on Line Plots</p>	<p style="text-align: center;"><u>Reading Mastery Transformations 4</u></p> <ul style="list-style-type: none"> <li>● Decoding</li> <li>● Spelling</li> <li>● Vocabulary</li> <li>● Reading (narratives/informational text)</li> <li>● Comprehension</li> </ul> <p style="text-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"> <li>1. Informative/Explanatory,</li> <li>2. Opinion/Argument, and</li> <li>3. Narrative</li> </ol>	<p style="text-align: center;"><u>Into Social Studies</u></p> <p>Topics:  <u>Civics and Government</u>                      How Americans Live                      How Government Works</p> <p><u>Economics</u>                      Conservation                      Inventions                      Our North American Neighbors</p> <p><u>Geography</u>                      Geography                      U.S. Landscapes                      Climate                      All About Regions                      The Northeast                      The Southeast                      The Midwest                      The Southwest                      The West</p> <p><u>History</u>                      Pre-Columbian People</p>	<p style="text-align: center;"><u>Twig Science – Next Gen</u></p> <ol style="list-style-type: none"> <li>1. Engineering Design – What happens to energy when objects collide?</li> <li>2. Engineering Design – How do people produce and transfer energy for their use?</li> <li>3. Earth’s Systems; Engineering Design – How have weathering and erosion sculpted some of Earth’s most interesting landscapes?</li> <li>4. Engineering Design – How can we reduce the damage caused by earthquakes?</li> <li>5. Waves; Structure, Function, and Information Processing – How do the many parts of my body work together to help me live in the world? Communication involves transferring information through waves or signals.</li> </ol>	<p style="text-align: center;"><u>CONNECT</u></p> <p>Daily/Weekly meetings for class discussions, reflection, and instruction surrounding whole child skill development.</p> <p style="text-align: center;"><u>PAX Good Behavior Game</u></p> <p>Trauma-informed, classroom-based intervention that supports self-regulation and pro-social behavior.</p> <p style="text-align: center;"><u>Second Step</u></p> <p>Designed to reduce impulsive, high-risk, and aggressive behaviors and increase children's social competence and other protective factors.</p> <p style="text-align: center;"><u>Olweus</u></p> <p>Bully prevention program</p>

<p>Topic 12 – Understand &amp; Compare Decimals</p> <p>Topic 13 – Measurement: Find Equivalence in Units of Measure</p> <p>Topic 14 – Algebra: Generate &amp; Analyze Patterns</p> <p>Topic 15 – Geometric Measurement: Understand Concepts of Angles &amp; Angle Measurement</p> <p>Topic 16 – Lines, Angles, &amp; Shapes</p>				
<b>IEFA Mathematics</b>	<b>IEFA ELA/Reading</b>	<b>IEFA Social Studies</b>	<b>IEFA Science</b>	<b>District/State Assessments</b>
<ul style="list-style-type: none"> <li>• Graphing Native American Populations of MT reservations</li> <li>• Relate fractions to indigenous recipes</li> <li>• Geometric beadwork</li> </ul>	<ul style="list-style-type: none"> <li>• As Long as the Rivers Flow – ELA Lesson from OPI/IEFA</li> <li>• Jim Thorpe’s Bright Path – ELA Lesson from OPI/IEFA</li> <li>• Birchbark House</li> </ul>	<ul style="list-style-type: none"> <li>• Montana Reservations – Resources from OPI/IEFA</li> <li>• Learning tribal facts, flags, and symbols</li> <li>• Pre-Columbian People Magazine</li> </ul>	<ul style="list-style-type: none"> <li>• Life science – Native Plans</li> </ul>	<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> <p><u>National Assessment Educational Progress (NAEP)</u> 1 x per year as selected (summative)</p>