

### 3rd Grade Mathematics GSE Curriculum Map 2021-2022

1 <sup>st</sup> Nine Weeks August 4 - October 7	2 <sup>nd</sup> Nine Weeks October 13 - December 17	3 <sup>rd</sup> Nine Weeks January 5 - March 10	4 <sup>th</sup> Nine Weeks March 16 - May 25
<p><b>Standards of Mathematical Practices</b></p> <p><i>SMP1. Make sense of problems and persevere in solving them.</i></p> <p><i>SMP2. Reason abstractly and quantitatively.</i></p> <p><i>SMP3. Construct viable arguments and critique the reasoning of others.</i></p> <p><i>SMP4. Model with mathematics.</i></p> <p><i>SMP5. Use appropriate tools strategically.</i></p> <p><i>SMP6. Attend to precision.</i></p> <p><i>SMP7. Look for and make sense of structure.</i></p> <p><i>SMP8. Look for and express regularity in repeated reasoning.</i></p> <p><b>Unit I (Number &amp; Operations in Base Ten)</b></p> <ul style="list-style-type: none"> <li>Use place value understanding and properties of operations to perform multi-digit arithmetic.</li> </ul> <p><b>Unit II (The Relationship Between Multiplication and Division)</b></p> <ul style="list-style-type: none"> <li>Represent and solve problems involving multiplication and division.</li> <li>Understand properties of multiplication and the relationship between multiplication and division.</li> <li>Multiply and divide within 100</li> </ul>	<p><b>Unit III (Patterns in Addition and Multiplication)</b></p> <ul style="list-style-type: none"> <li>Solve problems involving the four operations, and identify and explain patterns in arithmetic</li> <li>Use place value understanding and properties of operations to perform multi-digit arithmetic</li> <li>Geometric Measurement: understand concepts of area and relate area to multiplication and to addition.</li> </ul> <p><b>Unit IV (Area &amp; Perimeter)</b></p> <ul style="list-style-type: none"> <li>Represent and interpret data</li> <li>Understand concepts of area and relate area to multiplication and to addition</li> <li>Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.</li> <li>Tiling shapes to demonstrate area.</li> <li>Perimeter is the measurement of the outside of a polygon (sum of all sides).</li> <li>Relate area and perimeter to real-life examples and how these are useful in everyday life.</li> </ul>	<p><b>Unit V (Geometry)</b></p> <ul style="list-style-type: none"> <li>Reason with shapes and their attributes.</li> </ul> <p><b>Unit VI (Representing and Comparing Fractions)</b></p> <ul style="list-style-type: none"> <li>Develop understanding of fractions as numbers.</li> <li>Fraction Comparison and Equivalence</li> </ul>	<p><b>Unit VII (Measurement/Graphing)</b></p> <ul style="list-style-type: none"> <li>Tell time to the nearest minute</li> <li>Measure elapsed time</li> <li>Measure and estimate liquid volumes and masses of objects</li> <li>Draw scaled graphs</li> <li>Make line plots using measurement data</li> </ul>
<p>MGSE3.NBT.1      MGSE3.OA.1</p> <p>MGSE3.NBT.2      MGSE3.OA.2</p> <p>MGSE3.MD.3      MGSE3.OA.3</p> <p>MGSE3.MD.4      MGSE3.OA.4</p> <p>                         MGSE3.OA.5</p> <p>                         MGSE3.OA.6</p> <p>                         MGSE3.OA.7</p> <p>                         MGSE3.NBT.3</p>	<p>MGSE3.OA.8      MGSE3.G.1</p> <p>MGSE3.OA.9      MGSE3.G.2</p> <p>MGSE3.MD.3      MGSE3.MD.3</p> <p>MGSE3.MD.4      MGSE3.MD.4</p> <p>MGSE3.MD.5      MGSE3.MD.7</p> <p>MGSE3.MD.6      MGSE3.MD.8</p> <p>MGSE3.MD.7 MGSE3.NF.1</p> <p>MGSE3.NF.2</p> <p>MGSE3.NF.3</p> <p>MGSE3.MD.3</p> <p>MGSE3.MD.4</p>	<p>MGSE3.OA.8      MGSE3.G.1</p> <p>MGSE3.OA.9      MGSE3.G.2</p> <p>MGSE3.MD.3      MGSE3.MD.3</p> <p>MGSE3.MD.4      MGSE3.MD.4</p> <p>MGSE3.MD.5      MGSE3.MD.7</p> <p>MGSE3.MD.6      MGSE3.MD.8</p> <p>MGSE3.MD.7      MGSE3.NF.1</p> <p>MGSE3.NF.2      MGSE3.NF.3</p> <p>MGSE3.MD.3</p> <p>MGSE3.MD.4</p>	<p>MGSE3.MD.1</p> <p>MGSE3.MD.2</p> <p>MGSE3.MD.3</p> <p>MGSE3.MD.4</p>

All units will include the Standards of Mathematical Practices (SMP 1-8) and indicate skills to maintain.			