

**Math Unit Overview**  
**Grade 3**



Unit	Priority Skills Knowledge	Priority Mathematical Practices
<b>Unit 1</b> <b>Math Tools, Time, &amp; Multiplication</b>	<ul style="list-style-type: none"> <li>● Rounding numbers to the nearest 10 or 100</li> <li>● Addition/subtraction within 1000</li> <li>● Time to the nearest minute</li> <li>● Multiplication and division strategies</li> </ul>	<ul style="list-style-type: none"> <li>● Model with mathematics</li> <li>● Use appropriate tools strategically</li> </ul>
<b>Unit 2</b> <b>Number Stories &amp; Arrays</b>	<ul style="list-style-type: none"> <li>● Number stories and situation diagrams (Addition/Subtraction)</li> <li>● Number stories and situation diagrams (Multiplication/Division)</li> </ul>	<ul style="list-style-type: none"> <li>● Make sense of problems and persevere in solving them</li> <li>● Reason abstractly and quantitatively</li> </ul>
<b>Unit 3</b> <b>Operations</b>	<ul style="list-style-type: none"> <li>● Addition and subtraction of multi-digit numbers</li> <li>● Multiplication facts strategies</li> </ul>	<ul style="list-style-type: none"> <li>● Reason abstractly and quantitatively</li> <li>● Look for and make use of structure</li> </ul>
<b>Unit 4</b> <b>Measurement &amp; Geometry</b>	<ul style="list-style-type: none"> <li>● Measurement: length</li> <li>● Classification of geometric shapes</li> <li>● Area and perimeter</li> </ul>	<ul style="list-style-type: none"> <li>● Attend to precision</li> <li>● Look for and make use of structure</li> </ul>
<b>Unit 5</b> <b>Fractions &amp; Multiplication Strategies</b>	<ul style="list-style-type: none"> <li>● Fractions as equal parts of a whole; equivalent fractions</li> <li>● Multiplication facts strategies</li> </ul>	<ul style="list-style-type: none"> <li>● Attend to precision</li> <li>● Look for and make use of structure</li> </ul>
<b>Unit 6</b> <b>More Operations</b>	<ul style="list-style-type: none"> <li>● Subtraction with multi-digit numbers</li> <li>● Multiplication facts strategies</li> <li>● Multistep problems</li> </ul>	<ul style="list-style-type: none"> <li>● Make sense of problems and persevere in solving them</li> <li>● Construct viable arguments and critique the reasoning of others</li> </ul>
<b>Unit 7</b> <b>Fractions</b>	<ul style="list-style-type: none"> <li>● Liquid volume</li> <li>● Fraction comparisons</li> <li>● Fractions on number lines</li> </ul>	<ul style="list-style-type: none"> <li>● Model with mathematics</li> <li>● Use appropriate tools strategically</li> </ul>

<b>Unit 8 Multiplication &amp; Division</b>	<ul style="list-style-type: none"> <li>● Measurement to the nearest 1/4 inch</li> <li>● Extended multiplication and division facts</li> <li>● Factors of counting numbers</li> </ul>	<ul style="list-style-type: none"> <li>● Construct viable arguments and critique the reasoning of others</li> <li>● Look for and express regularity in repeated reasoning</li> </ul>
<b>Unit 9 Multi-digit Operations</b>	<ul style="list-style-type: none"> <li>● Number stories with extended facts</li> <li>● Multi-digit multiplication</li> <li>● Elapsed time</li> </ul>	<ul style="list-style-type: none"> <li>● Make sense of problems and persevere in solving them</li> <li>● Model with mathematics</li> </ul>