

### 3rd Grade Math Curriculum Overview (Scope & Sequence)

<b>September</b> <i>Fluency, Place Value, &amp; Time</i>	<b>October</b> <i>Fluency, Place Value, &amp; Time</i>	<b>November</b> <i>Fluency, Place Value, &amp; Time</i>	<b>December</b> <i>Reason with Shapes &amp; Their Attributes</i>	<b>January</b> <i>Reason with Shapes &amp; Their Attributes</i>	<b>February</b> <i>The Meaning of Multiplication and Division</i>	<b>March</b> <i>Fluency with Multiplication and Division</i>	<b>April</b> <i>Understanding Fractions</i>	<b>May/June</b> <i>Measurement and Data</i>
<p>*Fluently add/subtract basic facts within 20</p> <p>*Identify the place and value of a number</p> <p>*Writing numbers in standard, expanded, and word form</p> <p>*Ordering and comparing numbers</p>	<p>*Round numbers to the nearest 10 or 100</p> <p>*Tell time to the nearest minute</p> <p>*Elapsed time using clocks and or addition and subtraction</p>	<p>*Fluently add/subtract within 1,000</p> <p>*Fluently add/subtract numbers that are rounded</p>	<p>*Categorize plane shapes and solid shapes</p> <p>*Compare and contrast different shapes</p> <p>*Determine if shapes are congruent, similar, or have symmetry</p>	<p>*Identify shapes as specific polygons</p> <p>*Divide shapes into equal shares</p> <p>*Find area of shapes as a fraction</p> <p>*Find perimeter of shapes</p> <p><i>The Meaning of Multiplication and Division</i></p> <p>*Determine when to multiply or divide and what it means</p> <p>*Use arrays, equal sized groups, &amp; area models to solve for multiplication &amp; division</p>	<p>*Solve word problems using multiplication and division within 100</p> <p>*Find products of single digit multiplication and related quotients</p> <p>*Write equivalent equations using all operations</p> <p><i>Fluency with Multiplication and Division</i></p> <p>*Develop fluency of multiplication &amp; division facts</p> <p>*Use variables</p>	<p>*Develop fluency of multiplication &amp; division facts</p> <p><i>Area &amp; Perimeter</i></p> <p>*Define area and perimeter</p> <p>*Explain how area and perimeter are related to multiplication and addition</p> <p>*Solve real-world problems involving area and perimeter, including using the distributive property</p>	<p>*Define fractions as part of a whole</p> <p>*Use unit fractions to divide a whole shape into equal parts</p> <p>*Represent fractions on a number line</p> <p>*Put fractions in order from least to greatest and greatest to least</p> <p>*Compare fractions by reasoning about their size</p> <p>*Solve real world problems using fractions</p>	<p>*Measure length, area, liquid volumes, and masses of objects with the correct tools</p> <p>*Draw and use graphs to represent data and solve word problems</p> <p>*Use fractions in measurement</p>