

## 5<sup>th</sup> Grade Math Curriculum Map

	<b>Unit (Content)</b>	<b>Common Core Standards (Skills)</b>	<b>Assessment</b>	<b>Essential Questions</b>
<b>August- September</b>	Unit 1: Whole Number Computation & Application	5.NBT.5 – Multiplication of multi-digit whole numbers 5.NBT.6 – Division of multi-digit whole numbers 5.OA.1 - Parentheses, brackets, & braces	Daily progress checks (via discussion, slates/whiteboards, written assignments, exit slips, & self-reflection); Unit quizzes/tests	How/when do we multiply & divide using multi-digit whole numbers in our daily lives? When do we use estimation in our daily lives? When are parentheses, brackets, and braces needed; how are they used?
<b>September- October</b>	Unit 2: Volume	5.MD.3 - Volume 5.MD.4 - Volume using various units 5.MD.5 - Solve problems with volume using multiplication & addition 5.NBT.2 – Multiplying by Powers of 10	Daily progress checks (via discussion, slates/whiteboards, written assignments, exit slips, & self-reflection); Unit quizzes/tests	How/why do we represent the inside of 3-dimensional figures? When do we need to estimate or measure volume in our daily lives? What patterns occur in our number systems?
<b>October- January</b>	Unit 3: Fraction Computation & Applications	5.NF.1 - Add & subtract fractions with unlike denominators 5.NF.2 - Word problems with addition & subtraction of fractions	Daily progress checks (via discussion, slates/whiteboards, written assignments, exit slips, & self-reflection);	How do we add, subtract, multiply, & divide fractions? When do we add,

		<p>5.NF.3 - Interpret fractions as division of whole numbers using visual models</p> <p>5.NF.4 - Multiply fractions or whole numbers by a fraction</p> <p>5.NF.5 - Interpret multiplication as scaling/resizing</p> <p>5.NF.6 - Solve problems involving multiplication of fractions &amp; mixed numbers</p> <p>5.NF.7 - Divide unit fractions by whole numbers and whole numbers by unit fractions</p> <p>5.MD.1 - Convert measurements in fraction form and customary system</p> <p>5.MD.2 - Line plot of measurement up to the nearest <math>\frac{1}{8}</math></p>	Unit quizzes/tests	<p>subtract, multiply, &amp; divide fractions in our daily lives?</p> <p>How do we represent the multiplication of fractions using visual models?</p> <p>How/why do we simplify fractions?</p> <p>How do we convert measurements within systems?</p> <p>How do we represent data in our daily lives?</p>
<b>January-March</b>	Unit 4: Decimal Computation & Applications	<p>5.NBT.1 - Place value including decimals</p> <p>5.NBT.2 - Powers of 10</p> <p>5.NBT.3 - Read, write, &amp; compare decimals to thousandths</p> <p>5.NBT.4 - Round decimals</p> <p>5.NBT.7 - Add, subtract, multiply, &amp; divide decimals to hundredths using manipulatives &amp; drawings</p> <p>5.MD.1 - Convert measurements in decimal form and metric system</p> <p>5.MD.2 - Line plot of measurement up to the nearest <math>\frac{1}{8}</math></p>	<p>Daily progress checks (via discussion, slates/whiteboards, written assignments, exit slips, &amp; self-reflection);</p> <p>Unit quizzes/tests</p>	<p>What patterns occur in our number systems?</p> <p>How/why do we round and compare decimals?</p> <p>How/when do we solve problems with whole numbers &amp; decimals in our daily lives?</p> <p>How/when do we convert measurements within systems?</p>
<b>March-</b>	Unit 5: 2-Dimensional	<p>5.G.3 - Properties of shapes</p> <p>5.G.4 - Hierarchy of two-dimensional</p>	Daily progress checks (via discussion, slates/whiteboards,	What are the properties of 2-

<b>April</b>	Geometry	figures	written assignments, exit slips, & self-reflection); Unit quizzes/tests	dimensional figures?
<b>April- May</b>	Unit 6: Coordinate Geometry	5.OA.3 - Generate numeric patterns from rules, form ordered pairs, and graph them on a coordinate plane 5.G.1 - Understand graphs in quadrant 1 of coordinate plane 5.G.2 - Represent problems by graphing in quadrant 1 of coordinate plane 5.OA.2 - Write & interpret simple expressions 5.OA.1 - Parentheses, Brackets, & Braces (reviewed/extended)	Daily progress checks (via discussion, slates/whiteboards, written assignments, exit slips, & self-reflection); Unit quizzes/tests	How/why do we graph ordered pairs? What effect do patterns between ordered pairs have on the plots on a coordinate graph? How can real life problems be written as simple expressions? What is the effect of solving expressions without following the order of operations?

**Key:**

- OA – Operations & Algebraic Thinking
- NBT – Number & Operations in Base Ten
- NF – Number & Operations - Fractions
- MD – Measurement & Data
- G – Geometry