

# 5<sup>th</sup> Grade Fast Track Math Scope and Sequence

Quarter	Unit	Standards
1	1 Rounding, Adding, & Subtracting Decimals & Whole Number Operations	<p><b>5.NBT.7-1 &amp; 2</b>: Add &amp; subtract decimals to hundredths using manipulatives and drawings.</p> <p><b>5.NBT.4</b>: Round decimals.</p> <p><b>5.NBT.5</b>: Standard algorithm of multiplication of multi-digit whole numbers.</p> <p><b>5.NBT.6</b>: Division of multi-digit whole numbers using place value strategies.</p> <p><b>6.NS.2</b>: Divide multi-digit numbers using standard algorithm.</p> <p><b>7.NS.2d</b>: Convert a rational number to a decimal using long division; know that the decimal form of a rational number terminates in 0s or eventually repeats.</p> <p>Possible review: 5.nbt.3</p>
	2 Volume	<p><b>5.MD.3</b>: Volume Concepts</p> <p><b>5.MD.4</b>: Counting volume using unit cubes,</p> <p><b>5.MD.5</b>: Solve problems with volume.</p> <p>Possible review: 5.OA.1, 5.OA.2</p>
2	3 Multiplying Fractions	<p><b>5.NF.4</b>: Multiply fraction or whole number by fraction. Find the area of rectangles with fractional sides.</p> <p><b>5.NF.5</b>: Interpret multiplication as scaling/resizing.</p> <p><b>5.NF.6</b>: Solve problems involving multiplication of fractions and mixed numbers.</p> <p><b>5.MD.1</b>: Convert customary system measurements in fraction form - oz, lb; gal, qt, fl oz; in, ft, yd, mi.</p> <p>Possible review: 5.nf.1, 5.nf.2</p>
	4 Dividing Fractions	<p><b>5.NF.3</b>: Interpret fractions as division of whole numbers using visual models.</p> <p><b>5.NF.7</b>: Divide unit fractions by whole numbers and whole numbers by unit fractions.</p> <p><b>6.NS.1</b>: Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.</p> <p><b>5.MD.2</b>: Line plot of measurement up to the nearest <math>\frac{1}{8}</math>.</p>
3	5 Multiplying & Dividing Decimals	<p><b>5.NBT.7-3 &amp; -4</b> (Multiply and divide decimals to hundredths using manipulatives and drawings)</p> <p><b>5.MD.1</b> (Convert metric system measurements in decimal form - mm, cm, m, km; g, kg, ml, l)</p> <p>Possible Review: 5.nbt.1 &amp; 5.nbt.2</p>
	6 Integers	<p><b>6.NS.5</b> (Positive &amp; Negative numbers in real world contexts)</p> <p><b>6.NS.6</b> (Rational numbers on number line and coordinate plane)</p> <p><b>6.NS.7</b> (Ordering and absolute value)</p> <p><b>6.NS.8</b> (Solving real-world problems by graphing in coordinate plane)</p> <p>Review: 5.OA.3, 5.G.1, 5.G.2</p>

<b>4</b>	<b>7 Rational Number Operations</b>	<b>7.NS.1</b> (Add and subtract rational numbers) <b>7.NS.2</b> (Multiply and divide rational numbers)
	<b>8 Statistics and Probability</b>	<b>6.SP.1</b> (Statistical questions) <b>6.SP.2</b> (Distributions have center, spread and overall shape) <b>6.SP.3</b> (Measures of center and variability) <b>6.SP.4</b> (Display data) <b>6.SP.5</b> (Summarize data)

**Major Content Standards** = 65-85% of instructional time spent

**Supporting Standards**

**Additional Standards**

\*Note: 5.G.3 and 5.G.4 are the only standards that have not been included in this scope and sequence. They are taught in 4th Grade Honors.