

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

1 <sup>st</sup> Trimester			2 <sup>nd</sup> Trimester			3 <sup>rd</sup> Trimester			
<ul style="list-style-type: none"> <li>• <b>4 OA 2:</b> I can multiply or divide to solve word problems involving multiplicative comparison by using drawing and equations with a symbol for the unknown number to represent the problem distinguishing multiplicative comparison from additive comparison</li> <li>• <b>4 NBT A1:</b> I can recognize that a multi-digit whole number, a digit in ones place represents 10 times to the right.</li> </ul>			<ul style="list-style-type: none"> <li>• <b>4 MD C6:</b> I can measure angles in whole number degrees using a protractor.</li> <li>• <b>4 NF A2</b> I can compare two fractions with different numerators and denominators by creating common denominators or numerators or by comparing to a benchmark fraction using symbols <math>&gt;</math>, <math>&lt;</math>, or <math>=</math> and justify the conclusion using a visual fraction model.</li> <li>• <b>4 NF A1</b> I can explain why a fraction is equivalent to another fraction</li> <li>• <b>4 MD C5A</b> I can measure angles with reference to a circle with its center at the common end points of the rays, by considering the fraction of the circular arc between the points where two rays intersect the circle</li> </ul>			<ul style="list-style-type: none"> <li>• <b>4 MD C6</b> I can measure angles in whole number degrees using a protractor.</li> <li>• <b>4 NF A2</b> I can compare two fractions with different numerators and denominators by creating common denominators or numerators or by comparing to a benchmark fraction using symbols <math>&gt;</math>, <math>&lt;</math>, or <math>=</math> and justify the conclusion using a visual fraction model.</li> <li>• <b>4 NF A1</b> I can explain why a fraction is equivalent to another fraction</li> <li>• <b>4 MD C5A</b> I can measure angles with reference to a circle with its center at the common end points of the rays, by considering the fraction of the circular arc between the points where two rays intersect the circle</li> </ul>			
August	September	October	November	December	January	February	March	April	May
<ul style="list-style-type: none"> <li>• Read and write whole numbers up to the millions</li> <li>• Multiplication facts</li> </ul>	<ul style="list-style-type: none"> <li>• Compare numbers up to the millions</li> <li>• Round numbers</li> <li>• Value of the digits</li> <li>• Add and subtract by regrouping</li> <li>• Conversions for km/m/cm</li> <li>• kg/g/lb</li> <li>• Sec/min/hrs</li> </ul>	<ul style="list-style-type: none"> <li>• Measure with a protractor</li> <li>• Full rotation of a circle is <math>360^\circ</math></li> <li>• Benchmark angles</li> <li>• Draw lines rays, points</li> <li>• Lines of symmetry</li> <li>• Quadrilaterals</li> </ul>	<ul style="list-style-type: none"> <li>• Add or subtract to find the measure of the unknown angles</li> </ul>	<ul style="list-style-type: none"> <li>• Multiplication and division</li> <li>• Multi-step word problems</li> <li>• Properties of multiplication and division</li> </ul>	<ul style="list-style-type: none"> <li>• Multiplication and division</li> <li>• Multiply and divide to solve word problems</li> <li>• Prime and composite numbers</li> <li>• Division with remainders</li> <li>• Area models</li> </ul>	<ul style="list-style-type: none"> <li>• Decomposing fractions</li> <li>• Visual fraction models</li> <li>• Explain two fractions may be the same size</li> <li>• Compare fractions <math>&lt;</math>, <math>&gt;</math>, <math>=</math></li> <li>• Create common denominators to compare fractions</li> <li>• Multiplying whole number, fraction</li> </ul>	<ul style="list-style-type: none"> <li>• Adding and subtracting mixed numbers, fractions, and decimals</li> </ul>	<ul style="list-style-type: none"> <li>• Number line comparing fractions, mixed numbers, and decimals</li> <li>• Conversions</li> </ul>	<ul style="list-style-type: none"> <li>• Measurement with multiplication</li> </ul>