

### Ten-Month Planning Calendar – 4<sup>th</sup> Grade Math

August	September	October	November	December
<p><b>Number Sense</b></p> <p><b>Benchmark A:</b> Use place value structure of the base-ten number system to read, write, represent and compare whole numbers and decimals.</p> <p><b>Indicators:</b> N2 use place value to read, write, and compare numbers through millions and thousandths.</p>	<p><b>Number Sense</b></p> <p><b>Benchmark F:</b> Count money and make change using both coins and paper bills.</p> <p><b>Benchmark L:</b> Use a variety of methods and appropriate tools for computing with whole numbers</p> <p><b>Benchmark G:</b> Model and use commutative &amp; associative properties for addition &amp; multiplication</p> <p><b>Indicators:</b> N2 use place value to read, write, and compare numbers through millions and thousandths. N3 Round whole numbers N6 Use assoc. &amp; dis. Prop. N8 Count money &amp; make change N9 Estimate computations with whole numbers N11 Explain strategies for performing computations</p>	<p><b>Number Sense</b></p> <p><b>Benchmark L:</b> Use a variety of methods and appropriate tools for computing whole numbers</p> <p><b>Benchmark K:</b> Analyze and solve multistep problems</p> <p><b>Indicators:</b> N11 Explain strategies for performing computations N13 Use a variety of methods for computing with whole numbers N 12 Solve multi step problems in +,-,x</p> <p><b>Data Analysis</b></p> <p><b>Benchmark A:</b> Gather &amp; organize data from surveys and experiments. <b>Benchmark B:</b> read &amp; interpret tables, charts, graphs <b>Benchmark C:</b> Construct charts, tables and graphs to represent data</p>	<p><b>Number Sense</b></p> <p><b>Benchmark I:</b> Demonstrate fluency in mult. facts</p> <p><b>Benchmark E:</b> recognize and classify numbers as prime or composite</p> <p><b>Benchmark G:</b> Model and use commutative &amp; associative properties for addition &amp; multiplication</p> <p><b>Indicators:</b> N4 know factors and multiples, prime, composite N11 Explain strategies for performing computations N12 Solve multi step problems in +,-,x N13 Use a variety of methods for computing with whole numbers N14 multiply 1 x1 and 1 x2</p> <p><b>Patterns</b></p> <p><b>Benchmark A:</b> Analyze and extend patterns and</p>	<p><b>Number Sense</b></p> <p><b>Benchmark G:</b> Model and use commutative &amp; associative properties for addition &amp; multiplication</p> <p><b>Indicators:</b> N4 know factors and multiples, prime, composite N11 Explain strategies for performing computations N12 Solve multi step problems in +,-,x N13 Use a variety of methods for computing with whole numbers N14 multiply 1 x1 and 1 x2</p> <p><b>Patterns</b></p> <p><b>Benchmark B:</b> Use patterns to make predictions, identify relationships, and solve problems</p> <p><b>Benchmark D:</b> Represent an unknown quantity as a variable using a symbol, including letters</p>