

Course/Subject:	Math	CURRICULUM MAP	Grade: 1
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	<b><u>CURRICULUM</u></b> <i>End Product of Learning, “What” You Teach</i>			<b><u>INSTRUCTION</u></b> <i>Means to the End Product, “How” You Teach</i>	<b><u>ASSESSMENT</u></b> <i>Validation to Revise Curriculum &amp; Instruction</i>
TIME FRAME [By Date/Week/ Month]	STANDARD OR BENCHMARK	CONTENT: What we want students to “KNOW”.	SKILL: What we want students to “DO”.	Varied Teaching/Learning Strategies Resources/Comments	Varied Classroom Assessment Strategies
Quarter 1 Sep-Oct	<b>UNIT 1</b> 1.OA 1.OA.3 1.OA.6 1.OA.7 1.NBT – Number and operations base ten. 1.NBT.1 1.G – Geometry 1.G.1  <b>UNIT 2</b> 1.OA – Operations and Algebraic thinking. 1.OA.1 1.OA.5 1.OA.6 1.OA.7 1.NBT. Number and Operations base ten. 1.NBT.1	Numbers relate to our daily lives. Numbers follow patterns. Numbers are related to shapes. Numbers have partners. Numbers can be broken apart. Numbers can be added in any order. Numbers can be visualized in 5-groups and ones. Numbers can be doubles, even, and odd.  Addition and subtraction correspond to pictures and drawings. Addition and subtraction can be represented with a vertical or horizontal equation.	Find partners of numbers Draw 1-10 objects Show numbers using 5 groups Identify and continue patterns  Add and subtract with pictures Write addition and subtraction equations Solve addition and subtraction equations. Use the “counting on” strategy for addition.	Math Expressions Unit 1 and 2 Whole group lessons Individual white boards	Teacher observation Activity book white boards Aimsweb math probes Math expressions quizzes and Unit tests.
Quarter 2 Nov. /Dec./Jan	<b>UNIT 3</b> 1.OA – Operations and Algebraic thinking. 1.OA.1 1.OA.3 1.OA.4 1.OA.5 1.OA.6 1.G – Geometry 1.G.1 2.G.2	Addition and subtraction can be represented with stories. Story problems can have unknown partners.  Numbers can be grouped and broken into 10’s. Numbers can be added by 10’s. 10’s and 1’s can be integrated.	Count on to find an unknown partner. Solve unknown partner equations. Generate addition and subtraction stories. Represent and recognize a penny and nickel. Solve problems using money.  Count by 10’s. Add 10’s and 1’s. Visualize larger numbers as 10’s and extra 1’s. Group 1’s into 10’s. Add 2-digit numbers using counting-on.	Math expressions Units 3 and 4. Whole groups lessons Individual white boards math expressions supplementary materials	Teacher observation Activity book white boards Aimsweb math probes Math expressions quizzes and Unit tests.

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	<b>UNIT 4</b>  1.OA. – Operations and Algebraic thinking.  1.OA.1       1.OA. 5       1.OA.6       1.NBT – Number and Operations base ten.  			

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	1.NBT.5	Given a two-digit number, mentally find 10 or more or 10 or less than the number, without having to count.	Students build models of two-digit numbers using place value rods and units.		
Quarter 3 Feb./March	<b>UNIT 5</b> 1.OA – Operations and Algebraic thinking. 1.OA.5 1.OA.6 1.NBT – Number and Operations base ten. 1.NBT.1. 1.NBT.2 1.NBT.5 1.NBT.6 1.G – Geometry 1.G.1  <b>UNIT 6</b> 1.OA – Operations and Algebraic thinking. 1.OA.7 1.NBT – Number and Operations base ten. 1.NBT.3 1.MD – Measurement and Data 1.MD.2 1.MD.4 1.G – Geometry 1.G.1 1.G.2	Dimes and pennies can be represented with 10's and ones  Penny amounts can be converted to nickels, dimes and extra pennies  Numbers have patterns and relationships.  Decade numbers have corresponding hundred partners  Hundred partners correspond to dollar partners.  Nickels dimes and dollars have penny equivalents  Picture graphs can be used to make comparisons  Data and information can be recorded and compared with the use of a graph  Data from a graph can be used to make a table  Length can be measured in inches  Shapes can rotated and compared  Solid shapes can be sorted, classified, combined, and taken apart	Write the value of a group of dimes and pennies  Solve mixed story problems  Recognize and continue 10-based sequences  Add a decade number to any 2-digit number Find the 100 partner of a decade number  Solve equations for an unknown partner or total.  Read, make and use graphs to compare data  Solve comparison story problems  Read, make and use tables to compare data  Measure and compare length to the nearest inch.	Math expressions Units 5 and 6. Whole groups lessons Individual white boards math expressions supplementary materials	Teacher observation Activity book white boards Aimsweb math probes Math expressions quizzes and Unit tests.

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Quarter 4 April/ May	<p><b>UNIT 7</b></p> <p>1.OA. – Operations and Algebraic thinking. 1.OA.6 1.MD – Measurement and Data 1.MD.3 1.G – Geometry 1.G.3</p> <p><b>UNIT 8</b></p> <p>1.OA. – Operations and Algebraic thinking. 1.OA.5 1.NBT. – Numbers and Operations base ten. 1.NBT.1</p>	<p>The terms “double” and “twice” apply to equations</p> <p><math>\frac{1}{2}</math> can be related to twice, double and equal shares</p> <p><math>\frac{1}{2}</math>'s can be related to symmetry</p> <p>Fractions can be written as <math>\frac{1}{2}</math> and <math>\frac{1}{4}</math>.</p> <p>Circle graphs can show 1/s's and <math>\frac{1}{4}</math>'s</p> <p>Circle graphs can be used to compare data</p> <p>Time can be told to the hour and half hour</p> <p>Ordinal numbers show position</p> <p>Calendars can be used to measure time</p> <p>Money amount can be represented with dimes, nickels, and pennies</p> <p>Different coin combinations can show equivalent amounts</p> <p>There are different solution methods for 2-digit addition</p> <p>Addition problems can be verified with proof drawings.</p> <p>Counting on can be used to add 2-digit money amounts</p> <p>Change for a dollar can be made with pennies and dimes</p>	<p>Find doubles of numbers 1-10 and doubles of shapes</p> <p>Find <math>\frac{1}{2}</math> and <math>\frac{1}{4}</math> of a geometric figure</p> <p>Find <math>\frac{1}{2}</math> and <math>\frac{1}{4}</math> of a set</p> <p>Read and use circle graphs to compare data</p> <p>Tell time to the hour and <math>\frac{1}{2}</math> hour and know calendar relationships</p> <p>Find money amounts</p> <p>Add 2-digit numbers without regrouping</p> <p>Add two-digit numbers with regrouping</p> <p>Solve addition story problems about coins.</p>	<p>Math Expressions Unit 7 and 8</p> <p>Whole groups lessons Individual white boards math expressions supplementary materials</p>	
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