Course/Subject:

Math

CURRICULUM MAP

Grade: 1

	CURRICULUM End Product of Learning, "What" You Teach			<u>INSTRUCTION</u> Means to the End Product, "How" You Teach	ASSESSMENT Validation to Revise Curriculum & Instruction
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	UNIT 1 1.0A 1.0A.3 1.0A.6 1.)A.7 1.NBT – Number and operations base ten. 1.NBT.1 1.G – Geometry 1.G.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.	Find partners of numbers Draw 1-10 objects Show numbers using 5 groups Identify and continue patterns	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.
	UNIT 2 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	Addition and subtraction correspond to pictures and drawings. Addition and subtraction can be represented with a vertical or horizontal equation.	Add and subtract with pictures Write addition and subtraction equations Solve addition and subtraction equations. Use the "counting on" strategy for addition.		
Quarter 2 Nov. /Dec./Jan	UNIT 3 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.

Course/Subje	ect: Math		CURRICULUM MA	P Grade: 1	
	UNIT 4 1.OA. – Operations and Algebraic thinking.			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
	1.OA.1	Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.	Students use manipulative or draw pictures to solve problems requiring adding to, putting together, taking apart, or comparing. Students record equations for problems.		Unit tests.
	1.OA. 5	Relate counting to addition and subtraction.	Students use manipulatives to count on to perform addition or to count back to perform subtraction.		
	1.OA.6 1.NBT – Number and Operations base ten.	Add and subtract within 20, demonstrating fluency for addition and subtraction within 10.	Students listen and observe the teacher using Think Aloud to demonstrate and model the five strategies such as counting on, making ten, decomposing a number leading to a ten, using the relationship between addition and subtraction, and creating equivalent but easier or known sums.		
	1.NBT.1	Count to 120, starting at any number less than 120.	On a hundred chart, students point to numerals in random order, read the numbers, and count forward from each number.		
	1.NBT.2	Understand that the two digits of a two-digit number represent amounts of tens and ones.	Students use bundles of straws to exchange ten ones for one ten.		
	1.NBT.4	Add within 100, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.	Students use place value mats, tens rods, and ones units to solve displayed addition problems.		

Course/Subject: Math		CURRICULUM MAP Grade: 1			
	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	UNIT 5 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 UNIT 6 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.

Math

CURRICULUM MAP

Grade: 1

Quarter 4 April/ May	UNIT 7 1.OA. – Operations and Algebraic thinking. 1.OA.6 1.MD – Measurement and	The terms "double" and "twice" apply to equations ½ can be related to twice, double and equal shares	Find doubles of numbers 1-10 and doubles of shapes Find ¹ / ₂ and ¹ / ₄ of a geometric figure	Math Expressions Unit 7 and 8 Whole groups lessons Individual white boards math expressions supplementary materials	
	Data 1.MD.3 1.G – Geometry 1.G.3	$\frac{1}{2}$'s can be related to symmetry Fractions can be written as $\frac{1}{2}$ and $\frac{1}{4}$.	Find ¹ / ₂ and ¹ / ₄ of a set Read and use circle graphs to compare data		
	UNIT 8 1.OA. – Operations and Algebraic thinking. 1.OA.5 1.NBT. – Numbers and Operations base ten. 1.NBT.1	 Circle graphs can show 1/s's and ¼'s Circle graphs can be used to compare data Time can be told to the hour and half hour Ordinal numbers show position Calendars can be used to measure time Money amount can be represented with dimes, nickels, and pennies Different coin combinations can show equivalent amounts There are different solution methods for 2-digit addition Addition problems can be verified with proof drawings. Counting on can be used to add 2-digit money amounts Change for a dollar can be made with pennies and dimes 	 Find money amounts Add 2-digit numbers without regrouping Add two-digit numbers with regrouping Solve addition story problems about coins. 		