

Mathematics Curriculum Map Overview

Topic	Skills	Approximate Days of Study
Addition and Subtraction Facts to 20/Problem Solving	<ul style="list-style-type: none"> *Fluently add and subtract facts to 20 *Explain why addition and subtraction strategies work, using place value and properties of operations *Add and Subtract to solve one step problems *Add and Subtract to solve two step problems *Solve unknown in all 3 positions for a number sentence *Recognize the meaning of 0 in place value system *Understand and identify the place values of 2 digit numbers *Read and write 2 digit numbers numerically, using the number name and with expanded form *Determine AND justify odd and even *Compare TWO digit numbers using $>$, $<$, $=$ 	36
Addition / Place Value/Regrouping	<ul style="list-style-type: none"> *Add and Subtract to solve one step problems *Add and Subtract to solve two step problems *Solve unknown in all 3 positions for a number sentence *Fluently add and subtract facts to 20 using strategies and from memory *Skip count by 5s, 10s and 100s to 1000 *Add D, N, P, Q and labeling with cent sign *Solve problems up to a dollar with Q, N, D, P using cent sign *Fluently add/subtract within 100 and *Add up to 4 two-digit numbers *Explain why addition and subtraction strategies work, using place value and properties of operations *Compare 2 and 3 digit numbers using $>$, $<$, $=$ *Mentally add or subtract 10 OR 100 to a number 100-900 *Understand that the digits of a 3 digit number represent the number of hundreds, tens and ones *Read and write 3 digit numbers numerically, using the number name and with expanded form *Compose numbers (10 ones equal 1 ten, ten tens equal 1 hundred) 	36

<p>Subtraction / Place Value/Ungrouping</p>	<ul style="list-style-type: none"> *Fluently add/subtract within 100 *Explain why addition and subtraction strategies work, using place value and properties of operations *Decompose 100 into 10 tens *Fluently add and subtract facts to 20 with strategies and from memory *Mentally add or subtract 10 OR 100 to a number 100-900 *Understand and identify the place values of 3 digit numbers *Read and write 3 digit numbers numerically, using the number name and with expanded form *Recognize the meaning of 0 in place value system *Skip count by 5s, 10s and 100s to 1000 *Add and Subtract to solve one AND two step problems *Solve unknown in all 3 positions for a number sentence *Compare 2 and 3 digit numbers using $>$, $<$ = *Count mixed group of coins up to a dollar *Solve simple problems when counting coins up to a dollar 	<p>28</p>
<p>Measurement</p>	<ul style="list-style-type: none"> *Select appropriate tool to measure length *Measure object with two different units (1 foot = 12 inches) *Know that the smaller the unit the more are needed *Estimate lengths using in. , feet, cm, and meters *Measure to determine how much longer an object is than another *Compare 2 and 3 digit numbers using $>$, $<$ = *Fluently add/subtract within 100 *Add up to 4 two-digit numbers *Mentally add or subtract 10 OR 100 to a number 100-900 *Generate measurement data and display in a line plot *Fluently add and subtract facts to 20 with strategies and from memory *Solve unknown in all 3 positions for a number sentence **Solve word problems with lengths, drawings, equations within 100 	<p>34</p>

Geometry	<ul style="list-style-type: none"> *classify 2 D figures as polygons or non-polygons *Split circles and rectangles into 2, 3 or 4 equal shares *Describe a whole as two halves, three thirds or four fourths *Understand that a shape can be split into halves, thirds or fourths many different ways *Recognize that equal shares do not have to have the same shape *Split rectangle into rows and columns of same size to create squares and count to find the total *Show whole numbers as lengths and as sums/differences on a number line *Use addition to find total number of squares in rectangular arrays up to 5 x 5 AND write addition sentence with equal addends to show total *Fluently add and subtract facts to 20 *Add and Subtract to solve one step problems *Solve unknown in all 3 positions for a number sentence *Determine if a number is odd or even *Tell time from analog clock in 5 minute increments *use am and pm *Understand quarter of/to and past, half past, *Count mixed group of coins up to a dollar *Solve simple problems when counting coins up to a dollar 	23
Add/Subtract to 1000	<ul style="list-style-type: none"> *Add and Subtract to solve one and TWO step problems *Solve unknown in all 3 positions for a number sentence *Fluently add and subtract facts to 20 *Add and subtract within a thousand *Explain why addition and subtraction strategies work, using place value and properties of operations *Compare 2 and 3 digit numbers using $>$, $<$, $=$ *Recognize the meaning of 0 in place value system *Mentally add or subtract 10 OR 100 to a number 100-900/compose and decompose *Understand and identify the place values of 2 digit numbers *Read and write 2 digit numbers numerically, using the number name and with expanded form *Draw a picture AND bar graph with single scale *Solve take apart, put together and compare problems from graphs *Count mixed group of coins up to a dollar *Solve simple problems when counting coins up to a dollar 	17
Total Days		174 days