

## Curriculum Map

<b>Subject:</b> MATH	<b>Grade:</b> K2	<b>Academic Year:</b>
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Time Frame	Topic	Content	Resources	Standard	Assessment
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September	Counting and Cardinality  One to Five	<i>Know number names and the count sequence</i> <i>Count to tell the number of objects.</i> ----Build background, intro vocabulary, model, whole group, centers Counting 1,2, and 3 Counting 1,2,and 3 in different arrangements Reading and writing 1,2, and 3 Counting 4 and 5 Counting 4 and 5 in different arrangements Reading and writing 4 and 5 Problem Solving-Using Objects	enVision Math Digital Path Topic 1, leveled worksheets, Center games, teacher made resources, math manipulatives, <u>Chicka, Chicka 123, Roar!, One More Sheep</u>	K.CC.3 K.CC.4 K.CC.4a K.CC.4.b K.CC.5	Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 1 test
September	Counting and Cardinality  Comparing and Ordering 0-5	<i>Know number names and the count sequence</i> <i>Count to tell the number of objects.</i> <i>Comparing Numbers.</i> ----Build background, intro vocabulary, model, whole group, centers More, Fewer, and Same As 1 and 2 More 1 and 2 Fewer The Number 0 Reading and Writing 0 As many, More, and Fewer Ordering Numbers 0 to 5	enVision Math Digital Path Topic 2, leveled worksheets, Center games, teacher made resources, math manipulatives, <u>More Or Less</u> (Math Start 2)	K.CC.3 K.CC.4 K.CC.4.b K.CC.4.c K.CC.5 K.CC.6	Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 2 test

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		Ordinal Numbers Through Fifth Problem Solving-Using Objects			

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October <i>Ongoing Practice</i>	Counting and Cardinality  Six to Ten	<i>Know number names and the count sequence</i> <i>Count to tell the number of objects.</i> ----Build background, intro vocabulary, model, whole group, centers Counting 6 and 7 Reading and writing 6 and 7 Counting 8 and 9 Reading and writing 8 and 9 Counting 10 Reading and Writing 10 Problem Solving-Look For a Pattern	enVision Math Digital Path Topic 3, leveled worksheets, Center games, teacher made resources, math manipulatives, <u>Rainbow Counting Fish</u>	K.CC.3 K.CC.4 K.CC.4.a K.CC.4.b K.CC.4.c K.CC.5	Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 3 test
October	Counting and Cardinality  Comparing and Ordering Numbers 0 to 10	<i>Compare numbers.</i> <i>Know number names and the count sequence.</i> ----Build background, intro vocabulary, model, whole group, centers Comparing Numbers Through 10 Comparing Numbers to 5 Comparing Numbers to 10 1 More 1 Fewer 2 More 2 Fewer Ordering Numbers Through 10 Ordering Numbers On a Number Line	enVision Math Digital Path Topic 4, leveled worksheets, Center games, teacher made resources, math manipulatives, <u>One Is a Snail, Ten Is a Crab, Balancing Bears: Comparing</u>	K.CC.2 K.CC.4.c K.CC.6 K.CC.7 K.OA.1	Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 4 test, Benchmark Test-Topics 5-8

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November <i>Ongoing Practice</i>	Counting and Cardinality  Numbers to 20	<p>Problem Solving-Use Objects <i>Know number names and the count sequence.</i> <i>Count to tell the number of objects.</i></p> <p>----Build background, intro vocabulary, model, whole group, centers, individual practice Counting, Reading, and Writing 11 and 12 Counting, Reading, and Writing 13, 14 and 15 Counting, Reading, and Writing 16 and 17 Counting, Reading, and Writing 18, 19 and 20 Problem Solving-Use Logical Reasoning</p>	<p><u>Numbers</u> enVision Math Digital Path Topic 5, leveled worksheets, Center games, teacher made resources, math manipulatives, <u>Cheerios Counting Book, Tweenies: Counting Up to 20</u></p>	K.CC.2 K.CC.3 K.CC.4.b	Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 5 test
November <i>Ongoing practice</i>	Counting and Cardinality  Numbers to 100	<p><i>Count to tell the number of objects.</i></p> <p>----Build background, intro vocabulary, model, whole group, centers, partner practice Counting to 30 About How Many? Counting Groups of Ten Patterns on a Hundred Chart Problem Solving-Look For a Pattern Count By 5's to 100 Count By 10's to 100</p>	<p>enVision Math Digital Path Topic 6, leveled worksheets, Center games, teacher made resources, math manipulatives</p>	K.CC.1 K.CC.2 K.CC.4.b K.CC.4.c K.CC.5	Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 6 test

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December	Operations and Algebraic Thinking  Understanding Addition	Count By 2's to 20  <i>Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.</i> ----Build background, intro vocabulary, model, whole group, centers, partner and individual practice Stories About Joining More Joining Joining Groups Using the Plus Sign Finding Sums Addition Sentences Problem Solving-Draw a Picture	enVision Math Digital Path Topic 7, leveled worksheets, Center games, teacher made resources, math manipulatives, <u>If You Were A Plus Sign, Animals On Board</u>	K.OA.1 K.OA.2 K.OA.5	Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 7 test
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January	<p>Operations and Algebraic Thinking</p> <p>Understanding Subtraction</p>	<p><i>Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.</i></p> <p>----Build background, intro vocabulary, model, whole group, centers, partner and individual practice</p> <p>Stories About Separating</p> <p>Stories About Taking Away</p> <p>Stories About Comparing</p> <p>Problem Solving-Act It Out</p> <p>Using the Minus Sign</p> <p>Finding Differences</p> <p>Subtraction Sentences</p> <p>Problem Solving-Use Objects</p>	<p>enVision Math Digital Path Topic 8, leveled worksheets, Center games, teacher made resources, math manipulatives, <u>If You Were A Minus Sign</u></p>	<p>K.OA.1</p> <p>K.OA.2</p> <p>K.OA.5</p>	<p>Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 8 test, Benchmark Test-Topics 5-8</p>
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January-February	Operations and Algebraic Thinking  Composing and Decomposing Numbers to 10	<i>Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.</i> ----Build background, intro vocabulary, model, whole group, centers Making 4 and 5 Making Number Sentences For 4 and 5 Making 6 and 7 Making Number Sentences For 6 and 7 Making 8 and 9 Making Number Sentences For 8 and 9 Making 10 Making Number Sentences For 10 Problem Solving-Make a Graph	enVision Math Digital Path Topic 9, leveled worksheets, Center games, teacher made resources, math manipulatives, <u>Animals On Board</u>	K.OA.3 K.OA.4 K.MD.3	Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 9 test
February	Numbers and Operations in Base One  Composing Numbers 11 to 19	<i>Work with numbers 11-19 to gain foundations for place value.</i> ----Build background, intro vocabulary, model, whole group, centers Making 11, 12, and 13 Making 14, 15, and 16 Making 17, 18, and 19 Problem Solving-Look For a Pattern	enVision Math Digital Path Topic 10, leveled worksheets, Center games, teacher made resources, math manipulatives	K.NBT.1	Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 10 test

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March	<p>Numbers and Operations in Base One</p> <p>Decomposing Numbers 11 to 19</p>	<p><i>Work with numbers 11-19 to gain foundations for place value.</i></p> <p>----Build background, intro vocabulary, model, whole group, centers</p> <p>Creating Sets to 19</p> <p>Parts of 11,12, and 13</p> <p>Parts of 14,15, and 16</p> <p>Parts of 17,18, and 19</p> <p>Problem Solving-Look For a Pattern</p>	<p>enVision Math Digital Path Topic 11, leveled worksheets, Center games, teacher made resources, math manipulatives, <u>10 Flashing Fireflies</u></p>	<p>K.NBT.1</p>	<p>Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 11 test</p>
March	<p>Measurement and Data</p> <p>Measurement</p>	<p><i>Describe and compare measurable attributes.</i></p> <p>----Build background, intro vocabulary, model, whole group, centers, partner practice</p> <p>Describing Objects By More Than One Attribute</p> <p>Comparing Length</p> <p>More Comparing Objects By Length</p> <p>Problem Solving-Try, Check, and Revise</p> <p>Comparing By Height</p> <p>More Comparing Objects By Height</p> <p>Comparing Capacities</p> <p>Comparing Weight</p>	<p>enVision Math Digital Path Topic 12, leveled worksheets, Center games, teacher made resources, math manipulatives, <u>Length</u> (Math Counts), <u>Weight</u> (Math Counts)</p>	<p>K.MD.1</p> <p>K.MD.2</p>	<p>Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 12 test, Benchmark Test-Topics 9-12</p>



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March	Measurement and Data  Sorting, Classifying, and Categorizing Data	<i>Classify objects and count the number of objects in each category.</i> ----Build background, intro vocabulary, model, whole group, centers, partner practice Same and Different Sorting By One Attribute Sorting the Same Set in Different Ways Sorting By More Than One Attribute Problem Solving-Use Logical Reasoning Real Graphs Picture Graphs	enVision Math Digital Path Topic 13, leveled worksheets, Center games, teacher made resources, math manipulatives, <u>Inch By Inch</u> , <u>The Very Hungry Caterpillar</u>	K.MD.3 K.G.1	Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 13 test
April	Geometry  Identifying and Describing Shapes	<i>Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).</i> ----Build background, intro vocabulary, model, whole group, centers, partner practice Rectangles Squares Circles Triangles Hexagons	enVision Math Digital Path Topic 14, leveled worksheets, Center games, teacher made resources, math manipulatives, <u>A Circle Here, A Square There</u> , <u>Sea</u>	K.G.2 K.G.3	Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 14 test

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		Solid Figures Flat Surfaces of Solid Figures Problem Solving-Use Objects	<u>Shapes</u>		
April	Geometry  Position and Location of Shapes	<i>Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).</i> ----Build background, intro vocabulary, model, whole group, centers, partner practice Inside and Outside Above, Below and On In Front Of and Behind Left and Right Problem Solving-Act It Out	enVision Math Digital Path Topic 15, leveled worksheets, Center games, teacher made resources, math manipulatives, <u>The Shape of Things</u>	K.G.1	Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 15 test
May	Geometry  Analyzing, Comparing, and Composing Shapes	<i>Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).</i> <i>Analyze, create, and compose shapes.</i> -----Build background, intro vocabulary, model, whole group, centers, partner practice Same Size, Same Shape Making Shapes From Other Shapes Comparing Solid Figures	enVision Math Digital Path Topic 16, leveled worksheets, Center games, teacher made resources, math manipulatives, <u>When a Line Bends</u>	K.G.2 K.G.3 K.G.4 K.G.5 K.G.6	Observation, use of vocabulary, participation, Math Journal, enVision Math Center games, leveled homework pages, Topic 16 test, Benchmark

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		Building With Solid Figures Problem Solving-Use Logical Reasoning	<u>a Shape Begins,</u> <u>Mouse Shapes, The</u> <u>Greedy Triangle</u>		Test-Topics 13-16, End of Year Test-Topics 1-16
May	Money	<i>Identify and describe pennies, nickels, dimes, and quarters.</i> <i>Identify and describe \$1.00 bill.</i> <i>Add coins to one dollar.</i> -----Intro vocabulary, model, whole group, centers Name a penny, describe a penny, and the amount it is worth Name a nickel, describe a nickel, and the amount it is worth Name a dime, describe a dime and the amount it is worth Name a quarter, describe a quarter and the amount it is worth Add different amounts of coins up to one dollar	Center games, teacher made resources, math manipulatives, worksheets, coins, dollar bills	QCA	Observation, use of vocabulary, participation, Math Journal, math worksheets

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May	Telling Time	<p><i>Identify and distinguish between AM and PM.</i></p> <p><i>Tell time to the hour and half hour</i></p> <p>----Intro vocabulary, model, whole group, centers</p> <p>Identify the minute hand and hour hand on an analog clock</p> <p>Tell time to the hour on an analog clock</p> <p>Tell time to the half hour on an analog clock</p> <p>Tell time on a digital clock</p> <p>Identify/describe activities done during AM</p> <p>Identify/describe activities done during PM</p>	Center games, teacher made resources, math manipulatives, worksheets, analog clocks, digital clock	QCA	Observation, use of vocabulary, participation, Math Journal, math worksheets
June	Step Up To Grade One	<p><i>Prepare Students For the Next Grade</i></p> <p>Model, whole group, centers</p> <p>Addition Number Sentences</p> <p>Stories About Joining</p> <p>Adding in Any Order</p> <p>Subtraction Number Sentences</p> <p>Stories About Taking Away</p> <p>Using Fact Families</p> <p>Numbers Made With Tens</p> <p>Counting With Groups of Ten and Leftovers</p> <p>Properties of Plane Shapes</p> <p>Flat Surfaces and Vertices</p>	enVision Math leveled workbook pages, math manipulatives,	1.OA.5 1.OA.1 1.OA.3 1.OA.5 1.OA.1 1.OA.4 1.OA.3 1.NBT.2. c 1.NBT.2. a 1.G.1 1.G.1	Observation, use of vocabulary, participation, enVision Math leveled workbook pages,