





























**Grade 1 Math**









Month	Content	Skills
<p><b>September</b></p>	<p><b>A. Addition</b></p> <p>1.Model Addition</p> <p>2.Symbols in Addition Sentences</p> <p>3. Addition Sentences</p> <p>4.Zero in Addition</p> <p>5.Communtative Property</p> <p>6.Equals Sign</p> <p>7.Vertical Form</p> <p>8.Problem Solving</p> <p>9.Sums to 8</p> <p><b>B. Subtraction</b></p> <p>1.Model Subtraction</p>	<p>A.1. Demonstrate the meaning of addition by combining or increasing sets. </p> <p>A.2. Identify and write plus sign and equals sign in addition sentences. </p> <p>A.3. Write and read addition sentences for problem situations using words plus, equals and sum. </p> <p>A.4. Solve addition problems with zero as an addend. </p> <p>A.5. Write and Solve addition problems using the communtative property. </p> <p>A.6. Write and solve addition problems with equals sign on either side. </p> <p>A.7. Write and solve addition sentences in vertical format. </p> <p>A.8. Solve problems to sums of 8 by using addition. </p> <p>A.9. Add basic facts with sums to 8. </p> <p>B.1. Show the meaning of subtraction by taking away. </p> <p>B.2. Identify and write minus sign and equals sign in subtraction sentences. </p> <p>B.3. Write and read subtraction sentences using the words minus, equals and difference. </p> <p>B.4.Subtract zero and find a difference of zero. </p>










Month	Content	Skills
	<p>2.Symbols in Subtraction Sentences</p> <p>3.Subtraction Sentences</p> <p>4.Zero in Subtraction</p>	
<p><b>October</b></p>	<p><b>A.Subtraction (continued)</b></p> <p>1.Problem solving</p> <p>2.Number sentences</p> <p>3.Vertical Form</p> <p>4.Subtract with zero</p> <p>5.Subtract from ten or less</p> <p>6.Problem solving strategies</p>	<p>A.1.Choose the correct operation to solve problems </p> <p>A.2.Write subtraction sentences using operational symbols </p> <p>A.3.Subtract in vertical form </p> <p>A.4.Subtract zero and find a difference of 0 </p> <p>A.5.Solve subtraction problems from ten or less </p> <p>A.6.Solve subtraction problems by drawing pictures </p> <p>B.1.Solve addition problems to ten by using a variety of strategies. </p>











Month	Content	Skills
	<b>B. Addition</b>  1. Problem solving strategies-sums to ten	
<b>November</b>	<b>A. Subtraction</b>	














Month	Content	Skills
	<p>1.Problem solving strategies-subtraction</p> <p>2.Addition and Subtraction as Inverse Operations</p> <p>3.Fact Families</p> <p>4.Problem Solving with Number Sentences</p>	<p>A.1.Solve subtraction problems by using a variety of strategies. </p> <p>A.2.Use related addition and subtraction facts to write and solve number sentences with sums to ten. </p> <p>A.3.Use related facts (inverse operations) to write fact families to sums of ten. </p> <p>A4.Write and use number sentences to solve addition and subtraction problems. </p>
	<p><b>B.Data and Graphing</b></p> <p>1.Group Objects</p> <p>2.Tally Marks</p> <p>3.Picture Graphs</p> <p>4.Problem Solving--Logical Thinking</p>	<p>B.1.Sort objects by the common attributes of size, shape and color. Explain reasoning for groupings. </p> <p>B.2.Use tally marks to record data Use tally marks on a chart to show results when recording data. </p> <p>B.3.Read and use picture graphs to show information. </p> <p>B.4.Use clues to solve problems. </p>



























Month	Content	Skills
<p><b>January</b></p>	<p><b>A.Place Value (continued)</b>                      1.Numbers to 100</p> <p>2. Numbers shown in different ways</p> <p>3. Problem solving</p> <p><b>B.Number Patterns</b>                      1.Skip Counting</p>	<p>A.1. Count, model and write numbers by tens to 90                      A1. Identify and write numbers to 100. </p> <p>A.2. Write numbers using expanded form and standard form </p> <p>A.2. Identify and show numbers to 100 with blocks, pictures, expanded form, and standard form </p> <p>A.3. Solve word problems using addition or subtraction </p> <p>B.1. Count by 2's to 20 </p> <p>B.1. Color the pattern of even numbers on a 100's chart </p> <p>B.1. Skip count by 5's to 100 </p> <p>B.1. Color the multiples of 5 on a 100 chart </p>








Month	Content	Skills
	<p>2.Number patterns</p> <p>3.Ordinal numbers</p> <p>4.Problem Solving</p> <p>5.Estimation</p> <p>6.Compare numbers</p> <p>7.Order Numbers</p> <p>8.Even/Odd numbers</p> <p>9.Problem Solving</p>	<p>B.2. Identify one more, one less than a given number </p> <p>B.2. Identiff ten more and ten less than a given number </p> <p>B.3. Identify ordinal numbers from first through tenth </p> <p>B.4. Use number patterns and skip counting to solve problems </p> <p>B.5. Use groups of ten to estimate </p> <p>B.6. Use the symbols , &gt;, = to compare two numbers to 99 </p> <p>B.7. Compare, order and write numbers in order to 99 </p> <p>B.8. Identify even and odd numbers </p> <p>B.9. Solve problems with unnecessary information </p>
<b>February</b>	<b>A. Addition and Subtraction Facts to 12</b>	

Month	Content	Skills
	<ol style="list-style-type: none"> <li>1. Count on to add</li> <li>2. Communtative Property (order property) in sums to 12</li> <li>3. Three addends</li> <li>4. Missing addends</li> <li>5. Algebra Readiness-Fact Families</li> <li>6. Names for Numbers</li> <li>7. Problem Solving</li> </ol>	<ol style="list-style-type: none"> <li>A1. Write sums to 12 by counting on. </li> <li>A2. Identify equivalent forms of the same numbers to 12. </li> <li>A3. Find the sum of three one-digit numbers. </li> <li>A4. Write missing addends to solve addition problems. </li> <li>A5. Write fact families for 11 and 12. </li> <li>A.6. Recognize equivalent forms of the same number. </li> <li>A7. Choose addition or subtraction to solve problems. </li> </ol>
<b>March</b>	<p><b>A. Money</b></p> <ol style="list-style-type: none"> <li>1. Value of Coins-Penny, Nickel, Dime</li> </ol>	<ol style="list-style-type: none"> <li>A1. Identify pennies, nickels, and dimes. </li> <li>A1. Identify value of pennies, nickels, and dimes. </li> <li>A1. Identify total value of mixed groups of pennies, nickels, and dimes. </li> <li>A2. Find different ways to show the same amount of money using pennies,</li> </ol>

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	<p>2. Equal Amounts of money</p> <p>3. Problem Solving involving money</p> <p>4. Value of Money-Quarters</p> <p>5. Problem Solving--money and data from a picture</p>	<p>nickels, and dimes. </p> <p>A3. Use models to reach a solution. </p> <p>A4. Identify a quarter. </p> <p>A4. Make .25 using pennies, nickels, and dimes. </p> <p>A4. Count the total value of a group of pennies, nickels, dimes, and quarters. </p> <p>A5. Analyze and solve problems using price tags in pictures. </p>
<p><b>April</b></p>	<p><b>A. Geometry-Plane Shapes and Solid Shapes</b></p> <p>1. Position Words</p> <p>2. Plane Shapes</p> <p>3. Solid Shapes</p>	<p>A.1. Give and follow directions about position words and objects in space </p> <p>A.1. Arrange and describe the location of objects in space by position, proximity, and direction. </p> <p>A.2. Identify and describe attributes of triangles, rectangles, squares, and circles. </p> <p>A.2. Classify plane shapes by common attributes. </p> <p>A.3. Identify, describe and compare solid shapes. </p> <p>A.3. Identify the face of a solid shape </p> <p>A.4. Use patterns to solve problems. </p>

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	<p>4. Problem Solving</p> <p>5. Symmetry</p> <p><b>B. Fractions</b></p> <p>1. Equal Parts</p> <p>2. One Half</p> <p>3. One Third and One Fourth</p> <p>4. Problem Solving using fractions</p> <p><b>C. Probability</b></p> <p>1. Probability with spinners</p>	<p>A.5. Identify symmetrical shapes </p> <p>B.1. Identify and count equal parts </p> <p>B.2. Identify one half of an object </p> <p>B.3. Identify one third and one fourth of an object. </p> <p>B.4. Use data from a picture to solve a problem. </p> <p>C.1. Predict outcomes using spinners </p>
May	<p><b>A. Measurement-Length and Height</b></p> <p><b>B. Problem Solving</b></p>	<p>A.1. Compare lengths and heights of objects </p> <p>A.2. Estimate length by using nonstandard units </p> <p>A.3. Measure an object in inches using a ruler </p> <p>A.4. Measure an object in centimeters using a ruler </p> <p>B.1. Use logical thinking to solve word problems </p> <p>B.2. Determine materials and strategies to use to solve measurement problems </p>

Month	Content	Skills
	<p><b>C. Measurement-Time</b></p>	<p>C.1. Put events in proper order </p> <p>C.2. Compare time </p> <p>C.3. Read and write time to the hour </p> <p>C.4. Read and write time to the half-hour </p> <p>C.5. Use a calendar </p>
	<p><b>D. Addition Facts to 20</b></p> <p>1. Adding doubles</p> <p>2. Adding with ten</p> <p>3. Adding three numbers</p>	<p>D.1. Locate and add double facts with addends to 10 </p> <p>D.1. Locate and add double facts plus one for numbers 1-8 </p> <p>D.2. Add numbers 1-10 to the number 10 </p> <p>D.3. Find the sum of three numbers </p>
	<p><b>E. Subtraction facts to 20</b></p> <p>1. Use doubles to subtract</p> <p>2. Use related addition facts to subtract</p>	<p>E.1. Subtract by using a double fact </p> <p>E.2. Subtract from 11-20 by relating addition to subtraction </p>
	<p><b>F. Problem Solving</b></p> <p>1. Number Sentences</p>	<p>G.1. Use the inverse relationship between addition and subtraction to make a fact family </p>

Month	Content	Skills
	<p>2. Choose the Operation</p> <p><b>G. Algebra Readiness</b></p> <p>1. Inverse Relationships</p> <p><b>H. Measurement-Weight</b></p> <p><b>I. Measurement-Capacity</b></p>	<p>G.2. Solve related addition and subtraction problems </p> <p>H.1. Compare weights of objects using nonstandard units and direct comparison </p> <p>H.2. Compare the weight of an object to 1 pound by direct comparison </p> <p>H.3. Compare the weight of objects to a kilogram </p> <p>I.1. Compare the capacity of containers </p> <p>I.2. Compare the capacity of cups, pints and quarts </p> <p>I.3. Compare the capacities of containers to a liter </p>

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