
















































































Grade 2 Math









Month	Content	Skills
September	A. Addition and Subtraction Facts Through 20 <ul style="list-style-type: none"> •Basic Facts •Properties of Addition •Fact Families •Word Problems 	A. Apply strategies to add two and three numbers with sums through 20  A. Apply strategies to subtract a number from 20 or less  A. Write fact families for sums to 20 (inverse relationship)  A. Identify and write names for numbers through 20  A. Interpret and solve problems involving addition and subtraction 
October	A. Numbers and Patterns to 100 <ul style="list-style-type: none"> •Skip Counting •Place Value Through 99 •Less Than/Greater Than/Equal To •Rounding •Number Names •Odd/Even Numbers •Word Problems •Number Patterns 	A. Count by 2s, 5s, 10s, and 100s  A. Identify even and odd numbers from 0-20  A. Read and write numbers to 100  A. Identify values of digits in whole numbers through 99  A. Represent numbers in different forms (words, models, expanded form)  A. Compare and order two-digit numbers  A. Round two digit numbers to the nearest ten  A. Use patterns to solve problems 
November	A. Two-Digit Addition <ul style="list-style-type: none"> •Addition facts •Regrouping •Rounding •Estimating •Word Problems 	A. Generalize basic addition facts to add multiples of ten  A. Add one and two digit numbers with and without regrouping  A. Add one and two digit numbers with and without regrouping  A. Round 2-digit numbers to the nearest ten to estimate sums  A. Apply the guess-and-check strategy to solve addition problems  A. Recognize and use different addition methods 

Month	Content	Skills
<p>December</p>	<p>A. Data and Graphing</p> <ul style="list-style-type: none"> •Tables •Pictographs •Bar Graphs •Range and Mode •Word Problems 	<p>A. Rewrite and solve horizontal addition exercises </p> <p>A. Record data using tally marks </p> <p>A. Compare and use data in tables </p> <p>A. Read and interpret data on pictographs and bar graphs </p> <p>A. Represent and compare data from a bar graph, pictograph, and tally chart </p> <p>A. Use logical reasoning to solve a problem </p> <p>A. Use information from a bar graph to solve a problem </p>
<p>January</p>	<p>A. Geometry</p> <ul style="list-style-type: none"> •Plane Shapes •Sides and Vertices •Solid Shapes •Congruent Shapes •Symmetry <p>B. Fractions</p> <ul style="list-style-type: none"> •Unit Fractions •Comparing Fractions 	<p>A. Identify and classify circles, squares, triangles, and rectangles </p> <p>A. Identify sides and vertices on plane shapes </p> <p>A. Identify the number of faces, edges, and vertices for solid shapes </p> <p>A. Identify congruent shapes </p> <p>A. Create congruent shapes </p> <p>A. Identify and draw lines of symmetry </p> <p>A. Identify, describe, and extend patterns </p> <p>B. Identify and write unit fractions </p> <p>B. Compare fractions using symbols </p> <p>B. Identify and write fractions that represent parts of a group or set </p> <p>B. Solve problems involving fractions using data from a picture </p>

Month	Content	Skills
	<ul style="list-style-type: none"> •Fractional Parts of a Group •Word Problems <p>C. Probability</p>	<p>C. Predict and record the outcome of an event </p>
February	<p>A. Subtracting two-digit numbers</p> <ul style="list-style-type: none"> •Basic Facts •Regrouping •Rounding •Estimating •Word Problems 	<p>A. Generalize basic subtraction facts to subtract tens </p> <p>A. Demonstate how to regroup 1 ten for 10 ones </p> <p>A. Decide when to regroup 1 ten as 10 ones when subtracting a 1-digit number from a 2-digit number </p> <p>A. Subtract 1-digit numbers from 2-digit numbers with and without regrouping </p> <p>A. Subtract 2-digit numbers from 2-digit numbers with and without regrouping </p> <p>A. Use base-10 models to act out and solve problems </p> <p>A. Estimate differences by rounding to the nearest ten </p> <p>A. Rewrite horizontal subtraction problems in vertical form </p> <p>A. Apply knowledge of 2-digit subtraction to subtract money amounts less than one dollar </p> <p>A. Solve problems using data from a table </p>

Month	Content	Skills
March	<p>A. Money</p> <ul style="list-style-type: none"> •Value •Equal Amounts •Compare money amounts •Word Problems •Show amounts •Coin combinations •Make change 	<p>A. Write the value of a group of quarters, dimes, nickels, and pennies. </p> <p>A. Identify a half-dollar and write the value of a group of coins. </p> <p>A. Show equal amounts with different coin combinations. </p> <p>A. Compare amounts of money (greater than, less than, equal to). </p> <p>A. Use coins to act out a problem. </p> <p>A. Select coins to show a given amount. </p> <p>A. Identify coin combinations that equal one dollar. </p> <p>A. Count on to make change. </p> <p>A. Solve two-step problems using money. </p>
April	<p>A. Time</p> <ul style="list-style-type: none"> •Time to the minute, hour, half-hour, five minutes, and 15 minutes •Elapsed time •Problem solving 	<p>A. Tell time to the hour. </p> <p>A. Tell time to the half-hour. </p> <p>A. Tell time in five-minute increments. </p> <p>A. Determine how much time has passed (elapsed time). </p> <p>A. Solve problems using elapsed time. </p> <p>A. Read and interpret information found on a calendar. </p> <p>A. Compare period of time. </p> <p>A. Use information from schedules to solve problems. </p> <p>B. Estimate and measure length using nonstandard units. </p>

Month	Content	Skills
	<p>B. Measurement</p> <ul style="list-style-type: none"> •Nonstandard units •Compare nonstandard units •Inches and feet •Centimeters and meters 	<p>B. Estimate and measure to the nearest inch or foot. </p> <p>B. Measure in centimeters. </p> <p>B. Estimate in centimeters. </p>
<p>May</p>	<p>A. Measurement</p> <ul style="list-style-type: none"> •Perimeter •Pounds •Kilograms •Cups, pints, and quarts •Liters •Temperature •Measurement units and tools •Problem Solving: Use Measurement <p>Optional Content- If time permits</p> <p>B. Numbers and Patterns to 1,000 (Place Value)</p> <ul style="list-style-type: none"> •Count by 100s •Hundreds, Tens, and Ones 	<p>A. Measure with centimeters and add to find perimeter. </p> <p>A. Estimate the weight of objects, using pounds. </p> <p>A. Estimate the mass of objects using kilograms. </p> <p>A. Expose students to using cups, pints, and quarts to measure capacity. </p> <p>A. Estimate whether containers hold more than, less than, or the same as one liter. </p> <p>A. Read a Fahrenheit thermometer. </p> <p>A. Choose the best tool and unit to measure distance, weight, capacity, and temperature. </p> <p>B. Count by 100s and read and write the number. </p> <p>B. Use models to represent and count 3-digit numbers. </p> <p>B. Count, read, and write numbers through 1,000. </p> <p>B. Identify place value and represent three-digit numbers using expanded</p>

Month	Content	Skills
	<ul style="list-style-type: none"> •Numbers Through 1,000 •Place Value 	<p>notation. </p> <p>B. Use tables to extend number patterns and solve problems. </p> <p>B. Use words, models, and expanded form to show three-digit numbers in different ways. </p> <p>B. Compare three-digit numbers (greater than, less than, equal to). </p> <p>B. Identify three-digit numbers to determine what comes before, after, and between. </p> <p>B. Use place value to order three-digit numbers. </p> <p>B. Count dollars and cents to determine value. </p> <p>B. Solve problems using combinations of bills and coins. </p>