



Brookhaven School District
Pacing Guide 2018-2019
2nd Grade Math

1 st NINE WEEKS			
Timeline (Specific Dates)	Concepts and Skills for the Time Period	Standards	Resources (textbooks, links, etc.)
August 6 th -29 th Unit Test August 29 th	Determine whether a group of objects (up to 20) has an odd or even number of members, e.g., by pairing objects or counting them by 2s; write an equation to express an even number as a sum of two equal addends. Read and write numbers to 1000 using base-ten numerals, number names, and expanded form. Count within 1000; skip-count by 5s, 10s, and 100s.	2.OA.3 2.NBT.3 2.NBT.2	<ul style="list-style-type: none"> • Go Math Chapter 1 • Moby Max • Bailey Activities • Teachers Pay Teachers
August 30- September 27 4 ½ week Test Sept. 6th Unit Test Sept. 27 th	The numbers 100, 200, 300, 400, 500, 600, 700, 800, 900 refer to one, two, three, four, five, six, seven, eight, or nine hundreds (and 0 tens and 0 ones). Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones; e.g., 706 equals 7 hundreds, 0 tens, and 6 ones. Understand the following as special cases. a. 100 can be thought of as a bundle of ten tens – called a “hundred”. Read and write numbers to 1000 using base-ten numerals, number names, and expanded form. Mentally add 10 or 100 to a given number 100–900, and mentally subtract 10 or 100 from a given number 100–900. Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using >, =, and < symbols to record the results of comparisons.	2.NBT.1b 2.NBT.1a 2.NBT.3 2.NBT.8 2.NBT.4	<ul style="list-style-type: none"> • Go Math Chapter 2 • Moby Max • Bailey Activities • Teachers Pay Teachers
September 28- October 5 (Not tested until 2 nd 9-wks when Chapter is complete) 9 weeks test October 5th	Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers. Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem. Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends.	2.OA.2 2.OA.1 2.OA.4	<ul style="list-style-type: none"> • Go Math Chapter 3 • Moby Max • Bailey Activities • Teachers Pay Teachers

2 nd NINE WEEKS			
Timeline (Specific Dates)	Concepts and Skills for the Time Period	Standards	Resources (textbooks, links, etc.)
October 8-26 Oct. 9-Report Card Pick-Up Unit Test on October 26 th	Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers. Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem. Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends.	2.OA.2 2.OA.1 2.OA.4	<ul style="list-style-type: none"> Go Math Chapter 3 Moby Max Bailey Activities Teachers Pay Teachers
October 31-December 5 4 ½ Week Test Nov. 12th Unit Test Dec. 5 th	Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction. Explain why addition and subtraction strategies work, using place value and the properties of operations. Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem. Add up to four two-digit numbers using strategies based on place value and properties of operations.	2. NBT.5 2.NBT.9 2.OA.1 2.NBT.6	<ul style="list-style-type: none"> Go Math Chapter 4 Moby Max Bailey Activities Teachers Pay Teachers
December 5-21 9 Weeks Test Dec. 21st	Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction. Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.	2. NBT.5 2.OA.1	<ul style="list-style-type: none"> Go Math Chapter 5 Moby Max Bailey Activities Teachers Pay Teachers
3 rd NINE WEEKS			
Timeline (Specific Dates)	Concepts and Skills for the Time Period	Standards	Resources (textbooks, links, etc.)
January 7-17 Unit Test Jan. 17 th	Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction. Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in	2.NBT.5 2.OA.1	<ul style="list-style-type: none"> Go Math Chapter 5 Moby Max Bailey Activities Teachers Pay

	all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.		Teachers
January 18- February 11 <i>4 ½ Week Test Feb. 7th</i>	Add and subtract within 1000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts hundreds and hundreds, tens and tens, ones and ones; and sometimes it is necessary to compose or decompose tens or hundreds.	2.NBT.7	<ul style="list-style-type: none"> Go Math Chapter 6 Moby Max Bailey Activities Teachers Pay Teachers
Unit Test Feb. 11 th	Explain why addition and subtraction strategies work, using place value and the properties of operations.	2.NBT.9	
February 12- February 27 Unit Test on Feb. 27 th	Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m. Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using \$ and ¢ symbols appropriately. Example: If you have 2 dimes and 3 pennies, how many cents do you have? Fluently use a calendar to answer simple real world problems such as “How many weeks are in a year?” or “James get a \$5 allowance every 2 months, how much money will he have at the end of each year?”	2.MD.7 2.MD.8a 2.MD.8b	<ul style="list-style-type: none"> Go Math Chapter 7 Moby Max Bailey Activities Teachers Pay Teachers
February 28- March 8 <i>9 Weeks Test on March 8th</i>	Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes. Measure the length of an object twice, using length units of different lengths for the two measurements; describe how the two measurements relate to the size of the unit chosen. Estimate lengths using units of inches, feet, centimeters, and meters. Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard length unit. Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units, e.g., by using drawings (such as drawings of rulers) and equations with a symbol for the unknown number to represent the problem. Represent whole numbers as lengths from 0 on a number line diagram with equally spaced points corresponding to the numbers 0, 1, 2, ..., and represent whole-number sums and differences within 100 on a number line diagram. Generate measurement data by measuring lengths of several objects to the nearest whole unit, or by making repeated measurements of the same object. Show the measurements by making a line plot, where the horizontal scale is marked off in whole-number units.	2.MD.1 2.MD.2 2.MD.3 2.MD.4 2.MD.5 2.MD.6 2.MD.9	

4 th NINE WEEKS			
Timeline (Specific Dates)	Concepts and Skills for the Time Period	Standards	Resources (textbooks, links, etc.)
March 18- March 29 Mar. 21- Report Card Pick-Up Unit Test on March 29 th	<p>Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes.</p> <p>Measure the length of an object twice, using length units of different lengths for the two measurements; describe how the two measurements relate to the size of the unit chosen.</p> <p>Estimate lengths using units of inches, feet, centimeters, and meters.</p> <p>Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard length unit.</p> <p>Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units, e.g., by using drawings (such as drawings of rulers) and equations with a symbol for the unknown number to represent the problem.</p> <p>Represent whole numbers as lengths from 0 on a number line diagram with equally spaced points corresponding to the numbers 0, 1, 2, ..., and represent whole-number sums and differences within 100 on a number line diagram.</p> <p>Generate measurement data by measuring lengths of several objects to the nearest whole unit, or by making repeated measurements of the same object . Show the measurements by making a line plot, where the horizontal scale is marked off in whole-number units.</p>	2.MD.1 2.MD.2 2.MD.3 2.MD.4 2.MD.5 2.MD.6 2.MD.9	<ul style="list-style-type: none"> Go Math Chapter 8 Moby Max Bailey Activities Teachers Pay Teachers
April 9- April 17 Unit Test April 17 th	<p>Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes.</p> <p>Measure the length of an object twice, using length units of different lengths for the two measurements; describe how the two measurements relate to the size of the unit chosen.</p> <p>Estimate lengths using units of inches, feet, centimeters, and meters.</p> <p>Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard length unit.</p> <p>Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units, e.g., by using drawings (such as drawings of rulers) and equations with a symbol for the unknown number to represent the problem.</p>	2.MD.1 2.MD.2 2.MD.3 2.MD.4 2.MD.5	<ul style="list-style-type: none"> Go Math Chapter 9 Moby Max Bailey Activities Teachers Pay Teachers

	Represent whole numbers as lengths from 0 on a number line diagram with equally spaced points corresponding to the numbers 0, 1, 2, ..., and represent whole-number sums and differences within 100 on a number line diagram.	2.MD.6	
April 18-April 30 Unit Test April 30 th	Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems using information presented in a bar graph.	2.MD.10	<ul style="list-style-type: none"> • Go Math Chapter 10 • Moby Max • Bailey Activities • Teachers Pay Teachers
May 1-May 14 Unit Test May 14 th	<p>Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.</p> <p>Partition a rectangle into rows and columns of same-size squares and count to find the total number of them.</p> <p>Partition circles and rectangles into two, three, or four equal shares, describe the shares using the words halves, thirds, half of, a third of, etc., and describe the whole as two halves, three thirds, four fourths. Recognize that equal shares of identical wholes need not have the same shape.</p>	<p>2.G.1</p> <p>2.G.2</p> <p>2.G.3</p>	<ul style="list-style-type: none"> • Go Math Chapter 11 • Moby Max • Bailey Activities • Teachers Pay Teachers

2018-19 4.5 Week Test Dates

September 6 #1

November 12 #2

February 7 #3