

Second Grade Math Curriculum Map

Missouri Learning Standards

Unit 1: Operations and Geometry	Unit 2: Number and Operations Base 10	Unit 3: Operations and Algebraic Thinking	Unit 4: Measurement and Data
First Quarter	Second Quarter	Third Quarter	Fourth Quarter
Recurring Standards: 2.NBT.B.9 - Use the relationship between addition and subtraction to solve problems. 2.RA.A.1 Demonstrate fluency with addition and subtraction within 20.			
Priority Standards	Priority Standards	Priority Standards	Priority Standards
2.GM.A.1 Recognize and draw shapes having specified attributes, such as a given number of angles or sides. a. Identify triangles, quadrilaterals, pentagons, hexagons, circles and cubes. Module 8 Lesson 1-5, skip lesson 4	2.GM.D.12 Find the value of combinations of dollar bills, quarters, dimes, nickels, and pennies, using a dollar sign and a cent sign appropriately. See Drive for MyMath Pages 484-485, 487-488, Module 7.6, 511-512, 7.8, 7.9, 7.10 and pg.510, 497 & 500, 490-491, 493-494	2.GM.A.3 Partition circles and rectangles into two, three or four equal shares, and describe the shares and the whole. a. Demonstrate that equal shares of identical wholes need not have the same shape Module 8 Lesson 7,9,10,11,12	2.GM.B.4 Measure the length of an object by selecting and using appropriate tools Module 7 Lesson 14,15,18 & teach conversion
2.GM.A.1 Recognize and draw shapes having specified attributes, such as a given number of angles or sides. b. Identify the faces of three-dimensional objects. Module 8 Lesson 1-6	2.GM.D.13 Find combinations of coins that equal a given amount. See Drive and above for pages	2.NBT.B.6 Demonstrate fluency with addition and subtraction within 100. (no regrouping) Module 1 lessons 1-8 *Do the number line standard first.	2.DS.A.1 Create a line plot to represent a set of numeric data, given a horizontal scale marked in whole numbers. Module 7 Lessons 1-5, 24-26
2.RA.B.2 Determine if a set of objects has an odd or even number of members. c. Express even numbers as being composed of equal groups and write an expression to represent the number with 2 equal addends. Module 6 Lesson 1&2,4, 5&6, 8&9, 10&11, 13, 15, 17&18, 19&20	2.NBT.A.1 Understand three-digit numbers are composed of hundreds, tens and ones. Module 3 Lessons 5,6,7,8	2.NBT.B.8 Add or subtract within 1000, and justify the solution. Module 4 Lessons 6-15, 19-21	2.DS.A.4 Solve problems using information presented in line plots, picture graphs and bar graphs. Module 7 Lessons 1-5, 24-26
2.RA.B.3 Find the total number of objects arranged in a rectangular array with up to 5 rows and 5 columns, and write an equation to represent the total as a sum of equal addends Module 6 Lesson 1&2,4, 5&6, 8&9, 10&11, 13, 15, 17&18, 19&20	2.NBT.A.4 Read and write numbers to 1000 using number names, base-ten numerals and expanded form. Module 3 Lessons 11,13,14,15,19,20,21	2.NBT.C.11 Write and solve problems involving addition and subtraction within 100. Module 4 Lessons 16, 31	2.DS.A.5 Draw conclusions from line plots, picture graphs and bar graphs Module 7 Lessons 1-5, 24-26.
2.GM.D.11 Describe a time shown on a digital clock as representing hours and minutes, and relate a time shown on a digital clock to the same time on an analog clock. See Drive for MyMath Pages 600-601 593-595, 611-612 619-621, 626-627 Quiz 623, 3 ice cream pages and 630 quiz, Module 8.14, 8.15 quiz 597 & 603, Quiz 632	2.NBT.A.5 Compare two three-digit numbers using the symbols $>$, $=$ or $<$ & Write Module 3 Lessons 16,17,18	2.GM.C.9 Represent whole numbers as links on a number line, and represent whole number sums and differences within 100 on a number line. See drive for green measuring pages 23-26	2.NBT.B.6 Demonstrate fluency with addition and subtraction within 100. (with regrouping)

		<u>2.GM.B.5:</u> Analyze the results of measuring the same object with different units. Module 7 Lesson 14,15,18 & teach conversion	
Essential Questions	Essential Questions	Essential Questions	Essential Questions
How can shapes be described, compared, and broken into parts? How can you solve problems about telling time to the nearest 5 minutes? How can you add and subtract lengths?	What are strategies for finding addition and subtraction facts? What do numbers tell us? What are the different ways we can represent numbers? What is base ten place value? How do number patterns and relationships help us make sense of the value of a number? How can you solve problems about counting money?	What are strategies for subtracting numbers to 100? What are strategies for adding numbers to 1,000? How can you solve word problems that use adding and subtracting?	What are strategies for adding numbers to 100? What are ways to measure length?

I Can Statements	I Can Statements	I Can Statements	I Can Statements
2.GM.A.1.a - I can recognize & draw triangles. - I can recognize & draw quadrilaterals. - I can recognize & draw pentagons. - I can recognize & draw hexagons. - I can recognize & draw circles. - I can recognize & draw cubes. 2.GM.A.1.b - I can identify the faces of three-dimensional objects. 2.GM.C.9 - I can represent whole numbers on a number line to 100. - I can represent whole number sums and differences within 100 on a number line. 2.GM.D.11 - I can write & tell time to the minute using an analog & digital clock. 2.RA.B.2.c - I can make equal groups and write an expression to represent the number with 2 equal addends. (Even numbers) 2.RA.B.3 - I can find the amount of objects in an array up to 5 rows and 5 columns. - I can write an equation to represent an array.	2.NBT.A.1 - I can understand three-digit numbers using hundreds, tens and ones. 2.NBT.A.4 - I can read & write numbers to 1000 using number names. - I can read & write numbers to 1000 using base-ten numerals. - I can read & write numbers to 1000 using expanded form. 2.NBT.A.5 - I can compare two three-digit numbers using the correct symbols. 2.NBT.B.6 - I can add within 100. - I can subtract within 100.	2.NBT.B.6 - I can add within 100. - I can subtract within 100. 2.NBT.B.8 - I can add within 1000 and justify the solution. - I can subtract within 1000 and justify the solution. 2.NBT.C.11 - I can write & solve addition problems within 100. - I can write & solve subtraction problems within 100. 2.GM.D.12 - I can find the value of money using dollars, quarters, dimes, nickels, and pennies. - I can use the dollar sign and cent sign correctly. 2.GM.D.13 - I can count coins for a given amount.	2.DS.A.1 - I can create a line plot to represent the given data. 2.DS.A.4 - I can solve problems using line plots. - I can solve problems using picture graphs. - I can solve problems using bar graphs. 2.DS.A.5 - I can draw conclusions from line plots. - I can draw conclusions from picture graphs. - I can draw conclusions from bar graphs. 2.GM.A.3.a - I can demonstrate equal shares (fractions) don't always have the same shape. 2.GM.B.4 - I can measure an object using appropriate tools. 2.GM.B.5 - I can measure different items with different measuring tools. - I can analyze the data from the measurements that are given.