Select a Course:	Math Grade 2
Teacher:	CORE Math Grade 2
Course:	Math Grade 2
Year:	2018-19
Months:	- All - 💠

2nd Grade Math Lin	ear Measurement	6-7 Weeks Linear Measurement			
Enduring Understandings X	Essential X Questions	Standards Assessed X	Knowledge & Skills	Academic Language	×
Students will know and understand that - There is a relationship between estimation and measurement - A unit of length is used to find a measurement. - A specific process is used to measure attributes of a unit of length. - A number line is used to represent measurement attributes such as, distance and quantity. - There is an inverse relationship between the unit size and number of units. (The	How can I gather, organize and represent data? How can I use tools to help me measure? How can I use measurement to describe and compare objects? How do I use measurment in my everyday life? How do we measure (unit, tool and process)? When should you	2.MD.A.1 - Measure and estimate lengths in standard units ~ Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes. 2.MD.A.2 - Measure and estimate lengths in standard units ~ 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. 2.MD.A.3 - Measure and estimate lengths in standard units ~ Estimate lengths using units of inches, feet, centimeters, and meters. 2.MD.A.4 - Measure and estimate lengths in standard units ~ Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard length unit.	The standard tools for linear measurement. The location of the beginning point of the appropriate standard measuring tool. Length-units. Measure the length of an object by selecting and using appropriate standard tools. (2.MD.1) Measure length of an object twice, using units of different lengths for the two measurements.		
smaller the unit, the more needed to measure; the larger the unit, the fewer needed to measure.) -Measurement data can be organized and analyzed by plotting values on a line plot. -Effectively solving problems requires classifying, planning, solving and comparing -Solving probelms can require the use of manipulatives, graphs and charts	estimate and when do you need an exact answer? How can measurement be organized? What is the relationship between the size of units to the number of units? How can accurate measurement help us solve problems and make sense of our world?	2.MD.B.6 - Relate addition and subtraction to length ~ 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.D.9 - Represent and interpret data ~ 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 wholenumber units.	(2.MD.2) Describe how two measurements using different units relates to the size of the unit chosen. (2.MD.2) Estimate lengths using units of inches, feet, centimeters and meters. (2.MD.3) Check for reasonableness of estimates. (2.MD.3)	foot centimeter meter customary syster metric system unit	n
		CCSS.Math.Practice.MP4 - Model with mathematics. CCSS.Math.Practice.MP5 - Use appropriate tools strategically. CCSS.Math.Practice.MP6 - Attend to precision. CCSS.Math.Practice.MP7 - Look for and make use of structure. CCSS.Math.Practice.MP2 - Reason abstractly and quantitatively.	Compare objects visually, side by side, and measure the difference. (2.MD.4) Express the difference between lengths in terms of a standard length unit. (2.MD.4) Represent whole numbers as lengths from 0 on a number line diagram with equally spaced points corresponding to the number 0, 1, 2. (2.MD.6)	inear sum difference	

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				Represent whole- number sums and differences within 100 on a number line diagram. (2.MD.6) Generate measurement data by measuring lengths of several objects to the nearest whole unit or by making repeated measurements of the same object. (2.MD.9) Show measurement data by making a line plot, where the horizontal scale is marked off in whole- number units. (2.MD.9)		
					Tier 3 shorter longer taller	
ıber	Enduring Understandings X	Essential X	Standards Assessed X	Knowledge & Skills	compare Academic Language	×
oer September	☐ Grade 2 Math 2-Digi		otraction 7-8 Weeks 2-Digit Additio			
October	Enduring Understandings X	Essential X Questions	Standards Assessed X	Knowledge X & Skills	Academic Language	×
	Students will understand that Multiple strategies can be used to solve addition and subtraction problems. You can justify the most reasonable answer for an addition or subtraction problem. Solving problems can require the use of manipulatives, graphs and charts.	How can I use numbers to solve problems? How can I gather, organize and represent data? How can I use addition and subtraction?	2.MD.B.5 - Relate addition and subtraction to length ~ 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. 2.MD.B.6 - Relate addition and subtraction to length ~ 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.D.10 - Represent and interpret data ~ Draw a picture graph and a bar graph (with	Basic addition and subtraction computation and problem solving strategies. The properties of addition (commutative, associative, and identity.) Count within 1000 starting from any number. (2.NBT.2) Skip-count by 5s, 10s, and 100s. (2.NBT.2)	Quantity Solve Symbol Unknown	
	be represented in different places in an equation/number		single-unit scale) to represent a data set with up to four categories. Solve simple put-	Solve two-step word	Operation	

2.NBT.A.2 - Understand place value ~ Count putting together, taking properties of within 1000; skip-count by 5s, 10s, and apart, and comparing Addition involving results 100s. unknown using objects, 2.NBT.B.5 - Use place value understanding drawings, and equations with a symbol 1 Column and properties of operations to add and subtract ~ Fluently add and subtract within for the unknown 100 using strategies based on place value, number. (2.OA.1) 🗰 Kev properties of operations, and/or the relationship between addition and Fluently add and subtraction. subtract within 20. (2.OA.2)2.NBT.B.6 - Use place value understanding and properties of operations to add and Garage Use number subtract ~ Add up to four two-digit numbers sentences or drawings using strategies based on place value and to solve measurement properties of operations. word problems within 2.NBT.B.9 - Use place value understanding 100. (2.MD.5) and properties of operations to add and subtract ~ Explain why addition and write an equation subtraction strategies work, using place using a symbol for the value and the properties of operations. unknown number to represent the problem. 2.OA.A.1 - Represent and solve problems (2.MD.5) involving addition and subtraction ~ Use addition and subtraction within 100 to solve Represent whole one- and two-step word problems involving numbers as lengths situations of adding to, taking from, putting from 0 on a number line together, taking apart, and comparing, with diagram. (2.MD.6) unknowns in all positions, e.g., by using drawings and equations with a symbol for use number line the unknown number to represent the diagrams to represent problem. whole-number sums 2.OA.B.2 - Add and subtract within 20 ~ and differences within Fluently add and subtract within 20 using 100. (2.MD.6) mental strategies.2 By end of Grade 2, know from memory all sums of two one-digit Draw a picture numbers. graph to represent data with up to 4 categories CCSS.Math.Practice.MP7 - Look for and (including title, scale make use of structure. label, categories, category labels, and CCSS.Math.Practice.MP8 - Look for and data). (2.MD.10) express regularity in repeated reasoning. Draw a bar graph to CCSS.Math.Practice.MP4 - Model with mathematics. represent data with up to 4 categories CCSS.Math.Practice.MP5 - Use appropriate (including title, scale tools strategically. label, categories. category labels, and data). (2.MD.10) Solve put together, take-apart, and compare problems about information presented in a bar graph. (2.MD.10) Tier 3 Addition Subtraction Remainder Compare 🛅 Sum Difference

2018							
						1 Unknown	
						a Length	
						a Distance	
						a Bar graph	
						☐ Picture graph	
						a Data	
						Title	
						☐ Label	
Enduring Understandings X	Essential Questions	×	Standards Assessed	×	Knowledge & Skills	Academic Language	
Enduring Understandings X	Essential Questions	×	Standards Assessed	×	Knowledge & Skills	Academic Language	
☐ Grade 2 Math Mone		loney	y				
_	ey 3-4 Weeks Mo	loney ×	Standards Assessed	×	Knowledge & Skills	Academic Language	
Grade 2 Math Mone Enduring Understandings	Essential Questions How do I use patterns to count	X	Standards Assessed 2.MD.C.8 - Work with time and money ~ Solve word problems involving dollar bil	s,	Knowledge & Skills Monetary unit representations	Academic Language Tier 2 Dollar (bill)	_
Grade 2 Math Mone Enduring Understandings X Students will understand Coins have different values and are counted according to	Essential Questions How do I use patterns to count money? How does money	× 2 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Standards Assessed 2.MD.C.8 - Work with time and money ~ Solve word problems involving dollar bil quarters, dimes, nickels, and pennies, us and ¢ symbols appropriately. Example you have 2 dimes and 3 pennies, how no	s, sing : If	& Skills Monetary unit	Language Tier 2	
Grade 2 Math Mone Enduring Understandings Students will understandCoins have different values and are counted according to their valuesThe total value of coins	Essential Questions How do I use patterns to count money? How does money apply to my daily life How do coin values	2 5 9 9 9 9 9 9 9 9	Standards Assessed 2.MD.C.8 - Work with time and money of Solve word problems involving dollar bil quarters, dimes, nickels, and pennies, us and \$\phi\$ symbols appropriately. Example you have 2 dimes and 3 pennies, how notents do you have? 2.NBT.A.2 - Understand place value \(^{2}\) Cwithin 1000; skip-count by 5s, 10s, and	s, sing : If nany	& Skills Monetary unit representations Monetary symbols (\$ and ¢) Solve word problems involving	Tier 2 Dollar (bill)	
Grade 2 Math Mone Enduring Understandings X Students will understand Coins have different values and are counted according to their values. The total value of coins combined. That different combinations of coins can represent the same	Essential Questions How do I use patterns to count money? How does money apply to my daily life	2 5 9 9 9 9 9 9 9 1 1	Standards Assessed 2.MD.C.8 - Work with time and money ~ Solve word problems involving dollar bil quarters, dimes, nickels, and pennies, u & symbols appropriately. Example you have 2 dimes and 3 pennies, how notents do you have? 2.NBT.A.2 - Understand place value ~ Cowithin 1000; skip-count by 5s, 10s, and 100s. 2.OA.A.1 - Represent and solve problem	s, sing : If nany count	Monetary unit representations Monetary symbols (\$ and ¢) Solve word	Tier 2 Dollar (bill) Cent	
Grade 2 Math Mone Understandings Students will understand -Coins have different values and are counted according to their values. -The total value of coins combined. -That different combinations of coins can represent the same amount of money. -How to count, compare, and order sets of unlike coins.	Essential Questions How do I use patterns to count money? How does money apply to my daily life How do coin values affect how money is	2 5 9 9 9 9 9 9 9 9 9 9 1 1 1 1 1 1 1 1 1	Standards Assessed 2.MD.C.8 - Work with time and money ~ Solve word problems involving dollar bil quarters, dimes, nickels, and pennies, us and ¢ symbols appropriately. Example you have 2 dimes and 3 pennies, how notents do you have? 2.NBT.A.2 - Understand place value ~ Convithin 1000; skip-count by 5s, 10s, and 100s.	s, sing : If nany count	Monetary unit representations Monetary symbols (\$ and ¢) Solve word problems involving dollars within 100, and use the \$ symbol appropriately. Solve word problems involving cents within 100, and	Tier 2 Dollar (bill) Cent Dollar sign	
Grade 2 Math Mone Understandings Students will understand Coins have different values and are counted according to their values. The total value of coins combined. That different combinations of coins can represent the same amount of money. How to count, compare, and order sets of unlike coins. How to solve word problems using dollars bills and coins.	Essential Questions How do I use patterns to count money? How does money apply to my daily life How do coin values affect how money is	× 2 S S S S S S S S S S S S S S S S S S	Standards Assessed 2.MD.C.8 - Work with time and money ~ Solve word problems involving dollar bil quarters, dimes, nickels, and pennies, use and ¢ symbols appropriately. Example you have 2 dimes and 3 pennies, how notents do you have? 2.NBT.A.2 - Understand place value ~ Cowithin 1000; skip-count by 5s, 10s, and 100s. 2.OA.A.1 - Represent and solve problem involving addition and subtraction ~ Use addition and subtraction within 100 to so one- and two-step word problems involving addition and subtraction within 100 to so one- and two-step word problems involving addition and subtraction within 100 to so one- and two-step word problems involving additions of adding to, taking from, putting the problems in all positions, e.g., by using drawings and equations with a symbol fine unknown number to represent the	s, ssing : If nany count ns olve ing ng	Monetary unit representations Monetary symbols (\$ and ¢) Solve word problems involving dollars within 100, and use the \$ symbol appropriately. Solve word problems involving cents within 100, and use the cents symbol appropriately	Tier 2 Dollar (bill) Cent Dollar sign Cent sign	
Grade 2 Math Mone	Essential Questions How do I use patterns to count money? How does money apply to my daily life How do coin values affect how money is	× 22 S S S S S S S S S S S S S S S S S S	Standards Assessed 2.MD.C.8 - Work with time and money of Solve word problems involving dollar bil quarters, dimes, nickels, and pennies, us and \$\phi\$ symbols appropriately. Example you have 2 dimes and 3 pennies, how notents do you have? 2.NBT.A.2 - Understand place value ~ Contents of within 1000; skip-count by 5s, 10s, and 100s. 2.OA.A.1 - Represent and solve problem rovolving addition and subtraction ~ Use addition and subtraction within 100 to so the content of adding to, taking from, putting one the content of the unknown number to represent the problem. CCSS.Math.Practice.MP1 - Make sense content of the unknown problem.	s, sing : If nany count out of the solve ing ng with out of	Monetary unit representations Monetary symbols (\$ and ¢) Solve word problems involving dollars within 100, and use the \$ symbol appropriately. Solve word problems involving cents within 100, and use the cents symbol appropriately Fluently add within 100 using strategies based on place value,	Tier 2 Dollar (bill) Cent Dollar sign Cent sign Penny Nickel	
Grade 2 Math Mone Understandings Students will understand Coins have different values and are counted according to their values. The total value of coins combined. That different combinations of coins can represent the same amount of money. How to count, compare, and order sets of unlike coins. How to solve word problems using dollars bills and coins.	Essential Questions How do I use patterns to count money? How does money apply to my daily life How do coin values affect how money is	x 2 S S S S S S S S S S S S S S S S S S	Standards Assessed 2.MD.C.8 - Work with time and money of Solve word problems involving dollar bil quarters, dimes, nickels, and pennies, us and ¢ symbols appropriately. Example you have 2 dimes and 3 pennies, how notents do you have? 2.NBT.A.2 - Understand place value ~ Contents of within 1000; skip-count by 5s, 10s, and 100s. 2.OA.A.1 - Represent and solve problem nvolving addition and subtraction ~ Use addition and subtraction within 100 to so one- and two-step word problems involving stuations of adding to, taking from, putting ogether, taking apart, and comparing, with one to the comparing of the unknown number to represent the problem.	s, sing : If nany count out of the solve ing ng with out of	Monetary unit representations Monetary symbols (\$ and ¢) Solve word problems involving dollars within 100, and use the \$ symbol appropriately. Solve word problems involving cents within 100, and use the cents symbol appropriately Fluently add within 100 using strategies	Tier 2 Dollar (bill) Cent Dollar sign Cent sign Penny Nickel	
Grade 2 Math Mone Understandings Students will understand Coins have different values and are counted according to their values. The total value of coins combined. That different combinations of coins can represent the same amount of money. How to count, compare, and order sets of unlike coins. How to solve word problems using dollars bills and coins.	Essential Questions How do I use patterns to count money? How does money apply to my daily life How do coin values affect how money is	× 22 S S S S S S S S S S S S S S S S S S	Standards Assessed 2.MD.C.8 - Work with time and money of Solve word problems involving dollar bil quarters, dimes, nickels, and pennies, use and ¢ symbols appropriately. Example you have 2 dimes and 3 pennies, how notents do you have? 2.NBT.A.2 - Understand place value ~ Control within 1000; skip-count by 5s, 10s, and 100s. 2.OA.A.1 - Represent and solve problem involving addition and subtraction ~ Use addition and subtraction within 100 to so one- and two-step word problems involving intuitions of adding to, taking from, puttion ogether, taking apart, and comparing, by using drawings and equations with a symbol fine unknown number to represent the problem. CCSS.Math.Practice.MP1 - Make sense problems and persevere in solving them and comparing them.	s, sing : If nany ount ount on solve ing ng with or	Monetary unit representations Monetary symbols (\$ and ¢) Solve word problems involving dollars within 100, and use the \$ symbol appropriately. Solve word problems involving cents within 100, and use the cents symbol appropriately Fluently add within 100 using strategies based on place value, properties of operations and/or the relationship between addition and	Tier 2 Dollar (bill) Cent Dollar sign Cent sign Penny Nickel	

			CCSS.Math.Practice.MP7 - Look for and make use of structure. CCSS.Math.Practice.MP8 - Look for and express regularity in repeated reasoning.	relationship between addition and subtraction.	Tier 3 Solve Currency Coin Change remainder Place value Value
ary	Grade 2 Math Place	Value Within 1,000	7-8 Weeks Place Value Within 1,0	00	
February	Enduring Understandings X	Essential X Questions	Standards Assessed X	Knowledge X	Academic X Language
	Students will understand that -You can read, write, and sequence numbers to 999. -There are different ways to represent numbers (expanded form, base ten blocks, odd/even, written form, standard form). -There are patterns in numbers to use when skip counting and grouping numbers. -Each digit in a given number has a value.	How will I use numbers to solve problems? How can I represent numbers in different ways? How does a digit's location affect the value of a number? How can I use place value to compare numbers?	2.MD.B.6 - Relate addition and subtraction to length ~ 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.NBT.A.1 - Understand place value ~ 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: 2.NBT.A.2 - Understand place value ~ Count within 1000; skip-count by 5s, 10s, and 100s. 2.NBT.A.3 - Understand place value ~ Read and write numbers to 1000 using base-ten numerals, number names, and expanded form. 2.NBT.A.4 - Understand place value ~ 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.B.7 - Use place value understanding and properties of operations to add and subtract ~ 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.B.8 - Use place value understanding and properties of operations to add and	The value of digits. Place value names. Basic addition and subtraction computation and problem solving strategies. The properties of addition (commutative, associative, and identity.) Quantity representations on a number line. Represent three digit numbers as amounts of hundreds, tens, and ones using manipulatives, pictures and words. (2.NBT.1) Represent 100 as a bundle of ten tens using manipulatives, pictures and words. (2.NBT.1) Represent 200, 300, 400, 500, 600, 700, 800, and 900 as the appropriate number of hundreds using manipulatives, pictures and words. (2.NBT.1) Count within 1000 starting from any number. (2.NBT.2)	Tier 2 Digit Quantity Solve Symbol Operation Place Value Properties of Addition Commutative Associative Identity Base ten Ones Tens Hundreds

subtract ~ Mentally add 10 or 100 to a given number 100–900, and mentally subtract 10 or 100 from a given number 100–900.

2.NBT.B.9 - Use place value understanding and properties of operations to add and subtract ~ Explain why addition and subtraction strategies work, using place value and the properties of operations.

CCSS.Math.Practice.MP6 - Attend to precision.

CCSS.Math.Practice.MP7 - Look for and make use of structure.

CCSS.Math.Practice.MP8 - Look for and express regularity in repeated reasoning.

CCSS.Math.Practice.MP2 - Reason abstractly and quantitatively.

CCSS.Math.Practice.MP4 - Model with mathematics.

CCSS.Math.Practice.MP5 - Use appropriate tools strategically.

- Skip-count by 5s, 10s and 100s. (2.NBT.2)
- Read numbers to 1000. (2.NBT.3)
- Write numbers to 1000 in standard form and expanded form. (2.NBT.3)
- Write number names to 1000. (2.NBT.3)
- Compare two threedigit numbers based on placed value of each digit. (2.NBT.4)
- Use these symbols correctly <, =, > in comparison. (2.NBT.4)
- Fluently add within 100 using strategies based on place value, properties of operations and/or the relationship between addition and subtraction.
- Add up to four 2digit numbers using strategies based on place value and properties of operations. (2.NBT.6)
- Add and subtract within 1000 using models, drawings, operation properties and/or the relationship between addition and subtraction using base 10 strategies. (2.NBT.7)
- Relate the chosen strategy and explain the reasoning used. (2.NBT.7)
- Mentally add 10 or 100 to a number between 100-900. (2.NBT.8)
- Mentally subtract 10 or 100 to a number between 100-900. (2.NBT.8)
- addition and subtraction strategies work by applying knowledge of place value and the properties of operations using concrete objects, pictures and words (both oral and written). (2.NBT.9)
- Use the same units of measure to compare

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				the lengths of 2 different objects. (2.MD.4)		
				between two measurements. (2.MD.4)		
				Represent whole numbers as lengths from 0 on a number line diagram. (2.MD.6)		
				Use number line diagrams to represent whole-number sums and differences within 100. (2.MD.6)		
					Tier 3 Addition	
					Subtraction	
					remainder	
					Compare	
					☆ Sum	
					Difference	
					Represent	
					Mental math	
March	Enduring Understandings X	Essential X Questions	Standards Assessed X	Knowledge X & Skills	Academic Language	×
April	Grade 2 Math Geom	netry, Time and Fra	ctions 4 Weeks Geometry, Time ar	nd Fractions		
A	Enduring Understandings X	Essential X Questions	Standards Assessed X	Knowledge X & Skills	Academic Language	×
	Students will understand that objects can be described and compared using their	How can plane and solid shapes be described?	2.G.A.1 - Reason with shapes and their attributes ~ Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of	Properties of polygons.	Tier 2 attribute	
	geometric attributes. Students will understand	How can I tell time on both digital and	equal faces.1 Identify triangles, quadrilaterals, pentagons, hexagons, and	Names of shapes. Geometric	triangle quadilateral	
	that standard units provide common language for communicating time.	analog clocks and differentiate between A.M. and P.M.?	cubes. 2.G.A.3 - Reason with shapes and their attributes ~ Partition circles and rectangles	vocabulary	pentagons	
	Students will understand that time can be measured in	☐ How can a shape	into two, three, or four equal shares, describe the shares using the words halves, thirds, half of, a third of, etc., and describe	The standard tools for time measurement.	hexagon	
	five minute increments and can be read on both an analog and digital clock.	be partitioned into	the whole as two halves, three thirds, four fourths. Recognize that equal shares of identical wholes need not have the same	Hours and minutes. Identify shapes that	cubes side	
	Students will understand		shape.	have specified attributes. (2.G.1)	angle	
	that shapes can be partitioned		2.MD.C.7 - Work with time and money ~ Tell and write time from analog and digital clocks		straight	

	CCSS.Math.Practice.MP4 - Model with mathematics.	Identify triangles,	flat
	CCSS.Math.Practice.MP5 - Use appropriate tools strategically.	quadrilaterals, pentagons, hexagons and cubes. (2.G.1)	solid
	CCSS.Math.Practice.MP6 - Attend to	Tell time using	corner
	precision. CCSS.Math.Practice.MP7 - Look for and	analog and digital clocks to the nearest 5 minutes (2.MD.7)	edge
	make use of structure.	Write time using	☐ Unit
		analog clocks and digital clocks(2.MD.7)	hour half hour
		Identify and label when a.m. and p.m.	minute
		occur (2.MD.7)	measure
		Count within 1000 (2.NBT.2)	whole
		Skip-count by 5s, 10s, and 100s.	A.M.
		(2.NBT,2)	P.M.
		Section circles and rectangles into 2, 3, or 4 equal parts. (2.G.3)	
		Describe the parts of the shape as halves, thirds, and fourths. (2.G.3)	
		Identify the combinations of the whole (2 halves = 1 whole, etc). (2.G.3)	
		Use manipulatives, pictures and words to show that equal sized sections of the same whole need not have the same shape. (2.G.3)	
			Tier 3 2-dimensional
			3-dimensional
			polygon
			circle
			square
			rectangle
			rhombus
			trapezoid
			septagon

					octagon
					plane
					• vertice
					clock
					digital
					analog
					number line
					interval
					nalf
					third
					fourth
					Skip-count
May	Grade 2 Math Multip	olication Readines	s 2-3 Weeks Multiplication Readine	ss	
-					
	Enduring Understandings X	Essential X Questions	Standards Assessed X	Knowledge X & Skills	Academic X Language X
	Understandings Students will understand how to look at complex patterns to solve multiplication		2.G.A.2 - Reason with shapes and their attributes ~ Partition a rectangle into rows and columns of same-size squares and	Determine if a group of objects, up to 20, is odd or even.	
	Understandings Students will understand how to look at complex patterns to solve multiplication problems.	Questions A How can repeated addition be	2.G.A.2 - Reason with shapes and their attributes ~ Partition a rectangle into rows and columns of same-size squares and count to find the total number of them. 2.OA.C.3 - Work with equal groups of objects to gain foundations for multiplication	Determine if a group of objects, up to 20, is odd or even. (2.OA.3)	Language ^
	Understandings Students will understand how to look at complex patterns to solve multiplication problems. Students will understand that an array can be used to demonstrate a multiplication	Questions A How can repeated addition be	2.G.A.2 - Reason with shapes and their attributes ~ Partition a rectangle into rows and columns of same-size squares and count to find the total number of them. 2.OA.C.3 - Work with equal groups of objects to gain foundations for multiplication ~ Determine whether a group of objects (up to 20) has an odd or even number of members, e.g., by pairing objects or	Determine if a group of objects, up to 20, is odd or even. (2.OA.3) Justify your answer (odd or even). (2.OA.3) Write an equation to	Language ^
	Understandings Students will understand how to look at complex patterns to solve multiplication problems. Students will understand that an array can be used to	Questions A How can repeated addition be	2.G.A.2 - Reason with shapes and their attributes ~ Partition a rectangle into rows and columns of same-size squares and count to find the total number of them. 2.OA.C.3 - Work with equal groups of objects to gain foundations for multiplication ~ Determine whether a group of objects (up to 20) has an odd or even number of	Determine if a group of objects, up to 20, is odd or even. (2.OA.3) Justify your answer (odd or even). (2.OA.3) Write an equation to represent an even number as the sum of 2 equal addends.	Tier 2 odd even remainder
	Understandings Students will understand how to look at complex patterns to solve multiplication problems. Students will understand that an array can be used to demonstrate a multiplication	Questions A How can repeated addition be	2.G.A.2 - Reason with shapes and their attributes ~ Partition a rectangle into rows and columns of same-size squares and count to find the total number of them. 2.OA.C.3 - Work with equal groups of objects to gain foundations for multiplication ~ 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. 2.OA.C.4 - Work with equal groups of objects to gain foundations for multiplication ~ Use addition to find the total number of	Determine if a group of objects, up to 20, is odd or even. (2.OA.3) Justify your answer (odd or even). (2.OA.3) Write an equation to represent an even number as the sum of 2 equal addends. (2.OA.3) Find the total	Tier 2 odd even remainder
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	Understandings Students will understand how to look at complex patterns to solve multiplication problems. Students will understand that an array can be used to demonstrate a multiplication	Questions A How can repeated addition be	2.G.A.2 - Reason with shapes and their attributes ~ Partition a rectangle into rows and columns of same-size squares and count to find the total number of them. 2.OA.C.3 - Work with equal groups of objects to gain foundations for multiplication ~ 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. 2.OA.C.4 - Work with equal groups of objects to gain foundations for multiplication ~ 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. CCSS.Math.Practice.MP4 - Model with mathematics. CCSS.Math.Practice.MP7 - Look for and	Determine if a group of objects, up to 20, is odd or even. (2.OA.3) Justify your answer (odd or even). (2.OA.3) Write an equation to represent an even number as the sum of 2 equal addends. (2.OA.3) Find the total number of objects arranged in rectangular arrays (up to 5 by 5) by using repeated addition. (2.OA.4) Write the equation to represent the repeated addition. (2.OA.4)	Tier 2 odd Tier 2 odd even remainder equal groups pair addend row
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						number of squares in the rectangle. (2.G.2)		
							Tier 3 equation	
	June	Enduring Understandings X	Essential Questions	×	Standards Assessed X	Knowledge X & Skills	Academic Language	×