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Operations and Algebraic Thinking		
Represent and solve problems involving multiplication and division.		
MCC3.OA.1	I can explain the meaning of the product.	
MCC3.OA.2	I can explain the meaning of the quotient.	
MCC3.OA.1	I can solve multiplication word problems within 100 involving equal groups, arrays, and measurement quantities.	
	I can solve division word problems within 100 involving equal groups, arrays, and measurement quantities.	
MCC3.OA.4	I can find the unknown whole number (variable) in a multiplication equation.	
	I can find the unknown whole number (variable) in a division equation.	
Understand properties of multiplication and the relationship between multiplication and division.		
MCC3.OA.5	I can use the properties of operations to multiply and divide. <i>Commutative, Associative, Distributive</i>	
MCC3.OA.6	I can use multiplication to find the answer to a division problem.	
Multiply and divide within 100.		
MCC3.OA.7	I can fluently multiply and divide within 100 using strategies and properties.	
	I can fluently recall my multiplication facts 0-9.	



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Solve problems involving the four operations, and identify and explain patterns in arithmetic. Multiply and divide within 100.

MCC3.OA.8	I can use any of the four operations to solve two-step word problems.	
	I can represent the problem using an equation with a letter for the unknown.	
	I can use mental math, estimation, and rounding to decide if my answer makes sense.	
MCC3.OA.9	I can find arithmetic (number) patterns in the addition and multiplication tables.	
	I can explain these patterns.	

Number and Operations in Base Ten

Use place value understanding and properties of operations to perform multi-digit arithmetic.

MCC3.NBT.1	I can round whole numbers to the nearest 10 or 100.	
MCC3.NBT.2	I can add within 1000.	
	I can subtract within 1000.	
MCC3.NBT.3	I can multiply one-digit whole numbers by multiples of 10.	

Number and Operations - Fractions

Develop understanding of fractions as numbers.

MCC3.NF.1	I can explain and show that a fraction is a part of a whole.	
	I can explain and show the meaning of the numerator and denominator.	

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MCC3.NF.2	I can explain how a fraction is a number on the number line.	
	I can represent fractions on the number line.	
MCC3.NF.2a	I can divide a number line into equal intervals (parts) to represent fractions.	
MCC3.NF.2b	I can place fractions on a number line that is divided into intervals.	
MCC3.NF.3a	I can show two fractions as equivalent (equal) if they are same size.	
	I can show two fractions as equivalent (equal) if they are on the same point on a number line.	
MCC3.NF.3b	I can recognize and show simple equivalent fractions.	
MCC3.NF.3c	I can write whole numbers as fractions and recognize that they are equivalent (equal).	
MCC3.NF.3d	I can compare two fractions with the same numerator of the same denominator using $<$, $>$, or $=$.	
Measurement and Data		
Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.		
MCC3.MD.1	I can tell time to the nearest minute.	
	I can solve word problems using addition and subtraction of time in minutes.	



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MCC3.MD.2	I can estimate and measure liquid volumes using liters.	
	I can solve one-step word problems involving volume.	
	I can estimate and measure masses of objects using grams and kilograms.	
	I can solve one-step word problems involving mass.	
Represent and interpret data.		
MCC3.MD.3	I can draw a scaled picture graph.	
	I can solve one and two-step problems using the picture graph.	
	I can draw a scaled bar graph.	
	I can solve one- and two-step problems using the bar graph.	
MCC3.MD.4	I can measure and record lengths to the nearest half and fourth of an inch.	
	I can use measurement data to make a horizontal line plot marked off in appropriate units.	
Geometric Measurement: Understand concepts of area and relate area to multiplication and to addition.		
MCC3.MD.5	I can find the area of a plane figure.	
MCC3.MD.5a	I can use square units to measure area.	
MCC3.MD.5b	I can label area with square units.	
MCC3.MD.6	I can measure area by counting square units.	



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MCC3.MD.7a	I can find the area of a rectangle with tiles and show the area can be found by multiplying the side lengths.	
MCC3.MD.7b	I can solve real-world math problems that involve area.	
	I can show multiplication with an area model.	
MCC3.MD.7c	I can use tiles to make the area of a rectangle.	
	I can use the distributive property using this model.	
MCC3.MD.7d	I can add the area of rectangles to find the total area of a figure.	
Geometric Measurement: Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.		
MCC3.MD.8	I can solve real-word problems involving perimeter and area.	
Geometry		
Reason with shapes and their attributes.		
MCC3.G.1	I can classify shapes by their attributes.	
	I can draw a shape that does not belong to a group according to the attributes.	
MCC3.G.2	I can divide shapes into equal parts.	
	I can write the area of each part as a fraction.	