Resources:	esources: Approved from Board of Education		Assessments: Dist	rict Benchmark Assessments	
		Common Core State Standards – Standards for Math	ematical Practice:		
		1. Make sense of problems and persevere in solving them.		2. Reason abstractly and quantitatively.	
		3. Construct viable arguments and critique the reasoning of	of others.	4. Model with mathematics.	
		5. Use appropriate tools strategically.		6. Attend to precision.	
		7. Look for and make use of structure.		8. Look for and express regularity in repeated reasoning.	
Domain	Cluster	Common Core Standard	Content	Skills	Academic Vocabulary
PΑ	Represent and solve	1.OA.1 Use addition and subtraction within 20 to solve	Addition of Whole	1.OA.1 Solve word problems using addition within 20	Sum
	problems involving	word problems involving situations of adding to, taking	Numbers	that have symbols for unknowns in all positions	Addend
	addition and	from, putting together, taking apart, and comparing, with			Total
	subtraction.	unknowns in all positions, e.g., by using objects,			Part
		drawings, and equations with a symbol for the unknown			Strategy
		number to represent the problem.1			
Α	Represent and solve	1.OA.1 Use addition and subtraction within 20 to solve	Subtraction of	1.OA.1 Solve word problems using subtraction within	Difference
	problems involving	word problems involving situations of adding to, taking	Whole Numbers	20 that have symbols for unknowns in all positions	Total
	addition and	from, putting together, taking apart, and comparing, with			Part
	subtraction.	unknowns in all positions, e.g., by using objects,			Strategy
		drawings, and equations with a symbol for the unknown			
		number to represent the problem.1			
PΑ	Represent and solve	1.OA.2 Solve word problems that call for addition of	Addition of Whole	1.OA.2 Solve addition word problems using three	Sum
	problems involving	three whole numbers whose sum is less than or equal to	Numbers	whole numbers with a sum less than or equal to 20	Addend
	addition and	20, e.g., by using objects, drawings, and equations with a		with symbols for unknowns	
	subtraction.	symbol for the unknown number to represent the			
	1	problem.		I and the second	

Domain	Cluster	Common Core Standard	Content	Skills	Academic Vocabulary
OA	Understand and apply	1.OA.3 Apply properties of operations as strategies to	Addition of Whole	1.OA.3 Solve addition problems utilizing commutative	Strategy
	properties of	add and subtract.2 Examples: If 8 + 3 = 11 is known, then	Numbers	property	
	operations and the	3 + 8 = 11 is also known. (Commutative property of			
	•	addition.) To add 2 + 6 + 4, the second two numbers can			
		be added to make a ten, so 2 + 6 + 4 = 2 + 10 = 12.			
		(Associative property of addition.)			
OA		1.OA.3 Apply properties of operations as strategies to	Addition of Whole	1.OA.3 Solve addition problems utilizing associative	Strategy
	properties of	add and subtract.2 Examples: If 8 + 3 = 11 is known, then	Numbers	property	
	operations and the	3 + 8 = 11 is also known. (Commutative property of			
	•	addition.) To add 2 + 6 + 4, the second two numbers can			
	addition and	be added to make a ten, so 2 + 6 + 4 = 2 + 10 = 12.			
	subtraction.	(Associative property of addition.)			
OA		1.OA.4 Understand subtraction as an unknown-addend	Subtraction of	1.OA.4 Solve subtraction problems utilizing unknown	Strategy
	properties of	problem. For example, subtract 10 – 8 by finding the	Whole Numbers	addend problems	
	'	number that makes 10 when added to 8.			
	relationship between				
	addition and				
	subtraction.				
OA	Add and subtract	1.OA.5 Relate counting to addition and subtraction (e.g.,	Addition of Whole	1.OA.5 Apply forward counting to addition	Count
	within 20.	by counting on 2 to add 2).	Numbers		Strategy
OA	Add and subtract	1.OA.5 Relate counting to addition and subtraction (e.g.,	Subtraction of	1.OA.5 Apply forward and backward counting to	Count
	within 20.	by counting on 2 to add 2).	Whole Numbers	subtraction	Strategy
OA	Add and subtract	1.OA.6 Add and subtract within 20, demonstrating	Addition of Whole	1.OA.6 Utilize strategies to add within 20	Strategy
	within 20.	fluency for addition and subtraction within 10. Use	Numbers		
		strategies such as counting on; making ten (e.g., $8 + 6 = 8$			
		+ 2 + 4 = 10 + 4 = 14); decomposing a number leading to a			
		ten (e.g., $13 - 4 = 13 - 3 - 1 = 10 - 1 = 9$); using the			
		relationship between addition and subtraction (e.g.,			
		knowing that $8 + 4 = 12$, one knows $12 - 8 = 4$); and			
		creating equivalent but easier or known sums (e.g.,			
		adding 6 + 7 by creating the known equivalent 6 + 6 + 1 =			
		12 + 1 = 13).			

Domain	Cluster	Common Core Standard	Content	Skills	Academic Vocabulary
OA	Add and subtract within 20.	1.OA.6 Add and subtract within 20, demonstrating fluency for addition and subtraction within 10. Use strategies such as counting on; making ten (e.g., $8+6=8+2+4=10+4=14$); decomposing a number leading to a ten (e.g., $13-4=13-3-1=10-1=9$); using the relationship between addition and subtraction (e.g., knowing that $8+4=12$, one knows $12-8=4$); and creating equivalent but easier or known sums (e.g., adding $6+7$ by creating the known equivalent $6+6+1=12+1=13$).	Subtraction of Whole Numbers	1.OA.6 Utilize strategies to subtract within 20	Strategy
ОА	Add and subtract within 20.	1.OA.6 Add and subtract within 20, demonstrating fluency for addition and subtraction within 10. Use strategies such as counting on; making ten (e.g., $8 + 6 = 8 + 2 + 4 = 10 + 4 = 14$); decomposing a number leading to a ten (e.g., $13 - 4 = 13 - 3 - 1 = 10 - 1 = 9$); using the relationship between addition and subtraction (e.g., knowing that $8 + 4 = 12$, one knows $12 - 8 = 4$); and creating equivalent but easier or known sums (e.g., adding $6 + 7$ by creating the known equivalent $6 + 6 + 1 = 12 + 1 = 13$).	Addition of Whole Numbers	1.OA.6 Add fluently within 10	Strategy
OA	Add and subtract within 20.	1.OA.6 Add and subtract within 20, demonstrating fluency for addition and subtraction within 10. Use strategies such as counting on; making ten (e.g., $8+6=8+2+4=10+4=14$); decomposing a number leading to a ten (e.g., $13-4=13-3-1=10-1=9$); using the relationship between addition and subtraction (e.g., knowing that $8+4=12$, one knows $12-8=4$); and creating equivalent but easier or known sums (e.g., adding $6+7$ by creating the known equivalent $6+6+1=12+1=13$).	Subtraction of Whole Numbers	1.OA.6 Subtract fluently within 10	Strategy

Domain	Cluster	Common Core Standard	Content	Skills	Academic Vocabulary
OA	Work with addition	1.OA.7 Understand the meaning of the equal sign, and	Addition and	1.OA.7 Define meaning of the equal sign	Equal
	and subtraction	determine if equations involving addition and subtraction			
	equations.	are true or false. For example, which of the following	Whole Numbers		
		equations are true and which are false? $6 = 6$, $7 = 8 - 1$, 5			
		+ 2 = 2 + 5, 4 + 1 = 5 + 2.			
OA	Work with addition	1.OA.7 Understand the meaning of the equal sign, and	Addition and	1.OA.7 Identify if equations are true or false through	Equal
	and subtraction	determine if equations involving addition and subtraction	Subtraction of	use of the equal sign	
	equations.	are true or false. For example, which of the following	Whole Numbers		
		equations are true and which are false? $6 = 6$, $7 = 8 - 1$, 5			
		+ 2 = 2 + 5, 4 + 1 = 5 + 2.			
OA	Work with addition	1.OA.8 Determine the unknown whole number in an	Addition of Whole	1.OA.8 Identify an unknown whole number in an	Part
	and subtraction	addition or subtraction equation relating three whole	Numbers	addition equation relating to three whole numbers	Whole
	equations.	numbers. For example, determine the unknown number			
		that makes the equation true in each of the equations 8 +			
		? = 11, 5 = 3, 6 + 6 =			
OA	Work with addition	1.OA.8 Determine the unknown whole number in an	Subtraction of	1.OA.8 Identify an unknown whole number in a	Part
	and subtraction	addition or subtraction equation relating three whole	Whole Numbers	subtraction equation relating to three whole numbers	Whole
	equations.	numbers. For example, determine the unknown number			
		that makes the equation true in each of the equations 8 +			
		? = 11, 5 = 3, 6 + 6 =			
NBT	Extend the counting	1.NBT.1 Count to 120, starting at any number less than	Counting	1.NBT.1 Count forward to 120 from any number	Count
	sequence.	120. In this range, read and write numerals and represent			
		a number of objects with a written numeral.			
NBT	Extend the counting	1.NBT.1 Count to 120, starting at any number less than	Numeral ID	1.NBT.1 Read numerals to 120	Number
	sequence.	120. In this range, read and write numerals and represent			
		a number of objects with a written numeral.			
NBT	Extend the counting	1.NBT.1 Count to 120, starting at any number less than	Numeral ID	1.NBT.1 Write numerals to 120	Number
	sequence.	120. In this range, read and write numerals and represent			
		a number of objects with a written numeral.			
NBT	Extend the counting	1.NBT.1 Count to 120, starting at any number less than	Counting and	1.NBT.1 When given a set to count (1-120), write the	Number
	sequence.	120. In this range, read and write numerals and represent	Numeral ID	numeral that represents the counted set	
		a number of objects with a written numeral.			

Domain	Cluster	Common Core Standard	Content	Skills	Academic Vocabulary
NBT	Understand place	1.NBT.2 Understand that the two digits of a two-digit	Place Value	1.NBT.2 Illustrate a two-digit number representing the	Ten
	value.	number represent amounts of tens and ones. Understand the following as special cases:		values of tens and ones	One
NBT	Understand place	1.NBT.2a 10 can be thought of as a bundle of ten ones —	Place Value	1.NBT.2a Build a bundle of 10 ones to represent a	Ten
	value.	called a "ten."		group of ten.	One
NBT	Understand place	1.NBT.2b The numbers from 11 to 19 are composed of a	Place Value	1.NBT.2b Combine a bundle of ten with extra ones to	Ten
	value.	ten and one, two, three, four, five, six, seven, eight, or		represent teen numbers	One
		nine ones.			Teen Number
NBT	Understand place	1.NBT.2c The numbers 10, 20, 30, 40, 50, 60, 70, 80, 90	Place Value	1.NBT.2c Combine bundles of ten to represent decade	Decade Number
	value.	refer to one, two, three, four, five, six, seven, eight, or		numbers	
		nine tens (and 0 ones).			
NBT	Understand place	1.NBT.3 Compare two two-digit numbers based on	Relative Magnitude	1.NBT.3 Compare two two-digit numbers based on	Greater
	value.	meanings of the tens and ones digits, recording the		meanings of the tens and ones digits by applying the	Less
		results of comparisons with the symbols >, =, and <.		symbols <, > and =	Equal
NBT	Use place value	1.NBT.4 Add within 100, including adding a two-digit	Addition of Whole	1.NBT.4 Add a two-digit number and a one-digit	Strategy
	understanding and	number and a one-digit number, and adding a two-digit	Numbers	number within 100 applying a variety of strategies and	Decade Number
	properties of	number and a multiple of 10, using concrete models or	Place Value	explain reasoning	Teen Number
	operations to add and	drawings and strategies based on place value, properties			Ten
	subtract.	of operations, and/or the relationship between addition			One
		and subtraction; relate the strategy to a written method			
		and explain the reasoning used. Understand that in			
		adding two-digit numbers, one adds tens and tens, ones			
		and ones; and sometimes it is necessary to compose a			
		ten.			

Domain	Cluster	Common Core Standard	Content	Skills	Academic Vocabulary
NBT	Use place value understanding and properties of operations to add and subtract.	1.NBT.4 Add within 100, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10, 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 and explain the reasoning used. Understand that in adding two-digit numbers, one adds tens and tens, ones and ones; and sometimes it is necessary to compose a ten.	Addition of Whole Numbers Place Value	1.NBT.4 Compose a written representation for the addition of a two-digit number and a one-digit number within 100 and explain reasoning	Strategy Decade Number Teen Number Ten One
NBT	Use place value understanding and properties of operations to add and subtract.	1.NBT.4 Add within 100, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10, 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 and explain the reasoning used. Understand that in adding two-digit numbers, one adds tens and tens, ones and ones; and sometimes it is necessary to compose a ten.	Addition of Whole Numbers Place Value	within 100 applying a variety of strategies and explain reasoning	Strategy Decade Number Teen Number Ten One
NBT	Use place value understanding and properties of operations to add and subtract.	1.NBT.4 Add within 100, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10, using concrete models or	Addition of Whole Numbers Place Value	1.NBT.4 Compose a written representation for the addition of a two-digit number and a multiple of 10 within 100 and explain reasoning	Strategy Decade Number Teen Number Ten One

Domain	Cluster	Common Core Standard	Content	Skills	Academic Vocabulary
NBT	Use place value understanding and properties of operations to add and subtract.	1.NBT.5 Given a two-digit number, mentally find 10 more or 10 less than the number, without having to count; explain the reasoning used.	Place Value	1.NBT.5 Mentally compute without having to count 10 more or 10 less than a given two-digit number and explain reasoning	Greater Less
NBT	Use place value understanding and properties of operations to add and subtract.	1.NBT.6 Subtract multiples of 10 in the range 10-90 from multiples of 10 in the range 10-90 (positive or zero differences), 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 and explain the reasoning used.	Subtraction of Whole Numbers Place Value	1.NBT.6 Subtract multiples of 10 in the range 10-90 from multiples of 10 in the range 10-90 and explain reasoning	Ten Decade Number
MD	Measure lengths indirectly and by iterating length units.	1.MD.1 Order three objects by length; compare the lengths of two objects indirectly by using a third object.	Linear Measurement	1.MD.1 Order three objects by length	Length
MD	Measure lengths indirectly and by iterating length units.	1.MD.1 Order three objects by length; compare the lengths of two objects indirectly by using a third object.	Linear Measurement	1.MD.1 Compare the lengths of two objects by using a third object indirectly.	Length Measure
MD	Measure lengths indirectly and by iterating length units.	1.MD.2 Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end; understand that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps. Limit to contexts where the object being measured is spanned by a whole number of length units with no gaps or overlaps.	Linear Measurement	1.MD.2 State the length of an object as a whole number by using non-standard units of measure by lining up multiple copies of same-size units	Length Measure
MD	Tell and write time.	1.MD.3 Tell and write time in hours and half-hours using analog and digital clocks.	Measurement of Time	1.MD.3 Tell time in hours and half-hours using analog and digital clocks	Minute Hour
MD	Tell and write time.	1.MD.3 Tell and write time in hours and half-hours using analog and digital clocks.	Measurement of Time	1.MD.3 Write time in hours and half-hours using analog clocks	Minute Hour

Domain	Cluster	Common Core Standard	Content	Skills	Academic Vocabulary
MD	Represent and interpret data.	1.MD.4 Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.	Data	1.MD.4 Organize data with up to three categories	Survey Data
MD	Represent and interpret data.	1.MD.4 Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.	Data	1.MD.4 Represent data with up to three categories	Bar Graph Pictograph
MD	Represent and interpret data.	1.MD.4 Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.	Data	1.MD.4 Interpret data in order to ask and answer questions	Survey Data Greater Less
G	Reason with shapes and their attributes.	1.G.1 Distinguish between defining attributes (e.g., triangles are closed and three-sided) versus non-defining attributes (e.g., color, orientation, overall size); build and draw shapes to possess defining attributes.	Geometry	1.G.1 Distringuish between defining attributes versus non-defining attributes	Side Vertex Flat Shape Solid Shape
G	Reason with shapes and their attributes.	1.G.1 Distinguish between defining attributes (e.g., triangles are closed and three-sided) versus non-defining attributes (e.g., color, orientation, overall size); build and draw shapes to possess defining attributes.	Geometry	1.G.1 Build and draw shapes to possess defining attributes	Side Vertex Flat Shape Solid Shape
G	Reason with shapes and their attributes.	1.G.2 Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, and quarter-circles) or three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape, and compose new shapes from the composite shape.1	Geometry	1.G.2 Compose composites shape using two-dimensional shapes	Flat Shape

Domain	Cluster	Common Core Standard	Content	Skills	Academic Vocabulary
G	Reason with shapes	1.G.2 Compose two-dimensional shapes (rectangles,	Geometry	1.G.2 Compose composite shapes using three-	Cube
	and their attributes.	squares, trapezoids, triangles, half-circles, and quarter-		dimensional shapes	Rectangular Prism
		circles) or three-dimensional shapes (cubes, right			Cone
		rectangular prisms, right circular cones, and right circular			Cylinder
		cylinders) to create a composite shape, and compose			Sphere
		new shapes from the composite shape.1			Solid Shape
G	Reason with shapes	1.G.2 Compose two-dimensional shapes (rectangles,	Geometry	1.G.3 Compose new shapes from two-dimensional and	'
	and their attributes.	squares, trapezoids, triangles, half-circles, and quarter-		three-dimensional composite shapes	Solid Shape
		circles) or three-dimensional shapes (cubes, right			
		rectangular prisms, right circular cones, and right circular			
		cylinders) to create a composite shape, and compose			
		new shapes from the composite shape.1			
G	Reason with shapes	1.G.3 Partition circles and rectangles into two and four	Fractions /	1.G.3 Partition circles into two and four equal shares	Whole
	and their attributes.	equal shares, describe the shares using the words halves,	Geometry		Half
		fourths, and quarters, and use the phrases half of, fourth			Fourth
		of, and quarter of. Describe the whole as two of, or four			Quarter
		of the shares. Understand for these examples that			Part
		decomposing into more equal shares creates smaller			
		shares.			
G	Reason with shapes	1.G.3 Partition circles and rectangles into two and four	Fractions /	1.G.3 Partition rectangles into two and four equal	Whole
	and their attributes.	equal shares, describe the shares using the words halves,	Geometry	shares	Half
		fourths, and quarters, and use the phrases half of, fourth			Fourth
		of, and quarter of. Describe the whole as two of, or four			Quarter
		of the shares. Understand for these examples that			Part
		decomposing into more equal shares creates smaller			Equal Shares
		shares.			

Domain	Cluster	Common Core Standard	Content	Skills	Academic Vocabulary
	Reason with shapes and their attributes.	1.G.3 Partition circles and rectangles into two and four equal shares, describe the shares using the words halves, fourths, and quarters, and use the phrases half of, fourth of, and quarter of. Describe the whole as two of, or four of the shares. Understand for these examples that decomposing into more equal shares creates smaller shares.	Fractions / Geometry	·	Whole Half Fourth Quarter Part
	Reason with shapes and their attributes.	1.G.3 Partition circles and rectangles into two and four equal shares, describe the shares using the words halves, fourths, and quarters, and use the phrases half of, fourth of, and quarter of. Describe the whole as two of, or four of the shares. Understand for these examples that decomposing into more equal shares creates smaller shares.	Fractions / Geometry	parts creates smaller parts	Equal Whole Part