## HUDSONVILLE PUBLIC SCHOOLS ELEMENTARY COURSE FRAMEWORK



**COURSE/SUBJECT** 

**Kindergarten Math** 



UNIT PACING Names of units and approximate pacing	LEARNING TARGETS Students will be able to	STANDARD Which Common Core standards does this address?	ASSESSMENTS Which assessments are given to determine student growth?
Math Expressions Common Core  Unit 1: Understand Numbers 1-10  September/October	<ul> <li>I can count to 100 by ones and by tens.</li> <li>I can count forward beginning from a number other than one.</li> <li>I can write numbers 0 to 20.</li> <li>I can show "how many" a number from 0 to 20 represents.</li> <li>I can count objects in the correct order without counting any object more than once.</li> <li>I can say "how many" objects are in a group by counting all the objects.</li> <li>I can count to find the total up to 20 when objects are in a line, rectangular array, circle or up to 10 objects in a scattered group.</li> <li>I can count out a given number of objects up to 20.</li> <li>I can tell whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group by matching or counting.</li> <li>I can show addition and subtraction with objects, fingers, acting out situations, drawings, explaining with my words, expressions or equations.</li> <li>I can solve addition and subtraction word problems using objects and drawings.</li> <li>I can add and subtract within 10 using objects or drawings.</li> <li>I can describe objects in my environment using shape names.</li> <li>I can find, name and describe the position of shapes in my environment using words like above, below, beside, in front of, behind, and next to.</li> <li>I can name shapes in various positions or sizes.</li> <li>I can name two-dimensional ("flat") and three-dimensional ("solid") shapes.</li> <li>I can sort two-dimensional and three-dimensional shapes into groups based on their attributes. (e.g., number of sides and corners, or having sides of equal length).</li> <li>I can classify objects into categories.</li> <li>I can sort categories by the number of objects in each group up to 10.</li> <li>I can sort categories by the number of objects in each group up to 10.</li> </ul>	K.CC.1 K.CC.2 K.CC.3 K.CC.4a K.CC.4b K.CC.5 K.CC.6 K.OA.1 K.OA.2 K.G.1 K.G.2 K.G.3 K.G.4 K.G.5 K.MD.3	Unit 1 Quick Quizzes Unit 1 Assessment

Math Expressions	I can count to 100 by ones and by tens.	K.CC.1	Unit 2 Quick Quizzes
Common Core	<ul> <li>I can count to loo by ones and by tens.</li> <li>I can count forward beginning from a number other than one.</li> </ul>	K.CC.1	Unit 2 Quick Quizzes
Common Corc	• I can write numbers 0 to 20.	K.CC.3	Unit 2 Assessment
Unit 2: 5-Groups in	• I can show "how many" a number from 0 to 20 represents.	K.CC.4a	Cint 2 1 kbccbbinent
Numbers 6-10	• I can count objects in the correct order without counting any object	K.CC.4b	
	more than once.	K.CC.4c	
	• I can say "how many" objects are in a group by counting all the objects.	K.CC.5	
November/December	• I can tell that each number is one more than the number before it.	K.CC.6	
	• I can count to find the total up to 20 when objects are in a line,	K.CC.7	
	rectangular array, circle or up to 10 objects in a scattered group.	K.OA.1	
	• I can count out a given number of objects up to 20.	K.OA.2	
	• I can tell whether the number of objects in one group is greater than,	K.OA.3	
	less than, or equal to the number of objects in another group by	K.OA.4	
	matching or counting.	K.OA.5	
	I can compare two numbers between 1 and 10 when I see them as written numerals.	K.MD.3 K.G.1	
	I can show addition and subtraction with objects, fingers, acting out	K.G.2	
	situations, drawings, explaining with my words, expressions or	K.G.4	
	equations.	10.0.4	
	I can solve addition and subtraction word problems using objects and		
	drawings.		
	I can add and subtract within 10 using objects or drawings.		
	• I can show and record partners of numbers less than or equal to 10 in		
	more than one way (e.g., $5 = 2 + 3$ and $5 = 4 + 1$ ).		
	I can make partners of 10 using objects or drawings, and record the		
	answer with a drawing or equation.		
	• I can add and subtract numbers within 5 fluently.		
	• can classify objects into categories.		
	• I can say "how many" objects are in a category up to 10.		
	<ul> <li>I can sort categories by the number of objects in each group up to 10.</li> <li>I can describe objects in my environment using shape names.</li> </ul>		
	<ul> <li>I can describe objects in my environment using snape names.</li> <li>I can find, name and describe the position of shapes in my environment</li> </ul>		
	using words like above, below, beside, in front of, behind, and next to.		
	<ul> <li>I can name shapes in various positions or sizes.</li> </ul>		
	I can name two-dimensional ("flat") and three-dimensional ("solid")		
	shapes.		

Math Expressions Common Core	<ul> <li>I can count to 100 by ones and by tens.</li> <li>I can count forward beginning from a number other than one.</li> </ul>	K.CC.1 K.CC.2	Unit 3 Quick Quizzes
Common Core	• I can write numbers 0 to 20.	K.CC.3	Unit 3 Assessment
Unit 3: Teen Numbers	• I can show "how many" a number from 0 to 20 represents.	K.CC.4a	Omt 3 Assessment
as Tens and Ones	• I can count objects in the correct order without counting any object	K.CC.4a K.CC.4b	
as rens and ones	more than once.	K.CC.4c	
	• I can say "how many" objects are in a group by counting all the objects.	K.CC.5	
January/February	• I can count to find the total up to 20 when objects are in a line,	K.CC.6	
Junuary   Coraary	rectangular array, circle or up to 10 objects in a scattered group.	K.CC.7	
	• I can count out a given number of objects up to 20.	K.OA.1	
	• I can tell whether the number of objects in one group is greater than,	K.OA.2	
	less than, or equal to the number of objects in another group by	K.OA.3	
	matching or counting.	K.OA.5	
	I can compare two numbers between 1 and 10 when I see them as	K.NBT.1	
	written numerals.	K.MD.3	
	I can show addition and subtraction with objects, fingers, acting out	K.G.1	
	situations, drawings, explaining with my words, expressions or	K.G.2	
	equations.	K.G.4	
	• I can solve addition and subtraction word problems using objects and	K.G.6	
	drawings.		
	I can add and subtract within 10 using objects or drawings.		
	• I can show and record partners of numbers less than or equal to 10 in		
	more than one way (e.g., $5 = 2 + 3$ and $5 = 4 + 1$ ).		
	I can add and subtract numbers within 5 fluently.		
	• I can create and break apart numbers 11-19 into ten ones and some extra		
	ones by using objects or drawings.		
	• I can use an equation or drawing to show numbers 11-19 (e.g., 18 = 10 +		
	8).		
	I can show teen numbers as ten ones and some extra ones.		
	I can classify objects into categories.		
	• I can say "how many" objects are in a category up to 10.		
	• I can sort categories by the number of objects in each group up to 10.		
	I can describe objects in my environment using shape names.		
	• I can find, name and describe the position of shapes in my environment		
	using words like above, below, beside, in front of, behind, and next to.		
	I can name shapes in various positions or sizes.		
	I can sort two-dimensional and three-dimensional shapes into groups		
	based on their attributes. (e.g., number of sides and corners, or having		
	sides of equal length).		
	I can use simple shapes to form larger shapes.		

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Math Expressions	• I can write numbers 0 to 20.	K.CC.3	Unit 4 Quick Quizzes
Common Core	• I can show "how many" a number from 0 to 20 represents.	K.CC.4a	
	• I can count objects in the correct order without counting any object	K.CC.4b	Unit 4 Assessment
Unit 4: Partner,	more than once.	K.CC.4c	
Problem Drawings,	• I can say "how many" objects are in a group by counting all the objects.	K.CC.5	
and Tens	• I can tell that each number is one more than the number before it.	K.CC.6	
	• I can count to find the total up to 20 when objects are in a line,	K.CC.7	
	rectangular array, circle or up to 10 objects in a scattered group.	K.OA.1	
March/April	• I can count out a given number of objects up to 20	K.OA.2	
	• I can tell whether the number of objects in one group is greater than,	K.OA.3	
	less than, or equal to the number of objects in another group by	K.OA.4	
	matching or counting.	K.OA.5	
	• I can compare two numbers between 1 and 10 when I see them as	K.NBT.1	
	written numerals.	K.MD.3	
	• I can show addition and subtraction with objects, fingers, acting out	K.G.1	
	situations, drawings, explaining with my words, expressions or	K.G.2	
	equations.	K.G.3	
	• I can solve addition and subtraction word problems using objects and	K.G.4	
	drawings.	K.G.5	
	• I can add and subtract within 10 using objects or drawings.	11.0.9	
	• I can show and record partners of numbers less than or equal to 10 in		
	more than one way (e.g., $5 = 2 + 3$ and $5 = 4 + 1$ ).		
	• I can make partners of 10 using objects or drawings, and record the		
	answer with a drawing or equation.		
	• I can add and subtract numbers within 5 fluently.		
	I can create and break apart numbers 11-19 into ten ones and some		
	extra ones by using objects or drawings.		
	• I can use an equation or drawing to show numbers 11-19 (e.g., 18 = 10 +		
	8).		
	• I can show teen numbers as ten ones and some extra ones.		
	<ul> <li>I can classify objects into categories.</li> </ul>		
	<ul> <li>I can classify objects into categories.</li> <li>I can say "how many" objects are in a category up to 10.</li> </ul>		
	• I can sort categories by the number of objects in each group up to 10.		
	<ul> <li>I can describe objects in my environment using shape names.</li> </ul>		
	<ul> <li>I can describe objects in my environment using snape names.</li> <li>I can find, name and describe the position of shapes in my environment</li> </ul>		
	using words like above, below, beside, in front of, behind, and next to.		
	<ul> <li>I can name shapes in various positions or sizes.</li> </ul>		
	I can name snapes in various positions of sizes.      I can name two-dimensional ("flat") and three-dimensional ("solid")		
	shapes.		
	<ul> <li>I can sort two-dimensional and three-dimensional shapes into groups</li> </ul>		
	based on their attributes. (e.g., number of sides and corners, or having sides of equal length).		
	<ul> <li>I can draw the shapes I see in the world.</li> </ul>		
	<ul> <li>I can draw the snapes I see in the world.</li> <li>I can build shapes I see in the world by using other materials.</li> </ul>		
	- 1 can bund shapes 1 see in the world by using other materials.		

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Math Expressions	I can count to 100 by ones and by tens.	K.CC.1	Unit 5 Quick Quizzes
Common Core	• I can write numbers 0 to 20.	K.CC.3	
	• I can show "how many" a number from 0 to 20 represents.	K.CC.4C	Unit 5 Assessment
Unit 5: Consolidation	• I can tell that each number is one more than the number before it.	K.CC.5	
of Concepts	• I can count to find the total up to 20 when objects are in a line,	K.CC.6	
	rectangular array, circle or up to 10 objects in a scattered group.	K.CC.7	
	I can count out a given number of objects up to 20.	K.OA.1	
May/June	• I can tell whether the number of objects in one group is greater than,	K.OA.2	
	less than, or equal to the number of objects in another group by	K.OA.3	
	matching or counting.	K.OA.4	
	• I can compare two numbers between 1 and 10 when I see them as	K.OA.5	
	written numerals.	K.NBT.1	
	I can show addition and subtraction with objects, fingers, acting out	K.MD.1	
	situations, drawings, explaining with my words, expressions or	K.MD.2	
	equations.		
	I can solve addition and subtraction word problems using objects and  drawings		
	drawings.  • I can add and subtract within 10 using objects or drawings.		
	I can show and record partners of numbers less than or equal to 10 in		
	more than one way (e.g., $5 = 2 + 3$ and $5 = 4 + 1$ ).		
	<ul> <li>I can make partners of 10 using objects or drawings, and record the</li> </ul>		
	answer with a drawing or equation.		
	• I can add and subtract numbers within 5 fluently.		
	I can create and break apart numbers 11-19 into ten ones and some		
	extra ones by using objects or drawings.		
	• I can use an equation or drawing to show numbers 11-19 (e.g., 18 = 10 +		
	8).		
	• I can show teen numbers as ten ones and some extra ones.		
	• I can describe and compare the weight and height of an object.		
	I can describe several measurable attributes of an object.		
	• I can compare two objects with measurable attributes (i.e., height) to		
	find out which object has "more of"/ "less of" the attribute (i.e., directly		
	compare the heights of two children and describe one child as taller/		
	shorter).		