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*	• I can count to 100 by ones and by tens. • I can count forward beginning from a number other than one. • I can write numbers 0 to 20. • I can show "how many" a number from 0 to 20 represents. • I can count objects in the correct order without counting any object more than once. • I can say "how many" objects are in a group by counting all the objects. • 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. • I can count out a given number of objects up to 20. • 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. • I can show addition and subtraction with objects, fingers, acting out situations, drawings, explaining with my words, expressions or equations. • 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 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 name two-dimensional ("flat") and three-dimensional ("solid") shapes. • 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 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.	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 Common Core Unit 2: 5-Groups in Numbers 6-10 *November/December*	• I can count to 100 by ones and by tens. • I can count forward beginning from a number other than one. • I can write numbers 0 to 20. • I can show "how many" a number from 0 to 20 represents. • I can count objects in the correct order without counting any object more than once. • I can say "how many" objects are in a group by counting all the objects. • I can tell that each number is one more than the number before it. • 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. • I can count out a given number of objects up to 20. • 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. • I can compare two numbers between 1 and 10 when I see them as written numerals. • I can show addition and subtraction with objects, fingers, acting out situations, drawings, explaining with my words, expressions or equations. • 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. • 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 name two-dimensional ("flat") and three-dimensional ("solid") shapes.	K.CC.1 K.CC.2 K.CC.3 K.CC.4a K.CC.4b K.CC.4c K.CC.5 K.CC.6 K.CC.7 K.OA.1 K.OA.2 K.OA.3 K.OA.4 K.OA.5 K.MD.3 K.G.1 K.G.2 K.G.4	Unit 2 Quick Quizzes Unit 2 Assessment

Math Expressions Common Core Unit 3: Teen Numbers as Tens and Ones *January/February*	• I can count to 100 by ones and by tens. • I can count forward beginning from a number other than one. • I can write numbers 0 to 20. • I can show "how many" a number from 0 to 20 represents. • I can count objects in the correct order without counting any object more than once. • I can say "how many" objects are in a group by counting all the objects. • 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. • I can count out a given number of objects up to 20. • 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. • I can compare two numbers between 1 and 10 when I see them as written numerals. • I can show addition and subtraction with objects, fingers, acting out situations, drawings, explaining with my words, expressions or equations. • 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 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.	K.CC.1 K.CC.2 K.CC.3 K.CC.4a K.CC.4b K.CC.4c K.CC.5 K.CC.6 K.CC.7 K.OA.1 K.OA.2 K.OA.3 K.OA.5 K.NBT.1 K.MD.3 K.G.1 K.G.2 K.G.4 K.G.6	Unit 3 Quick Quizzes Unit 3 Assessment

Math Expressions Common Core Unit 4: Partner, Problem Drawings, and Tens *March/April*	• I can write numbers 0 to 20. • I can show "how many" a number from 0 to 20 represents. • I can count objects in the correct order without counting any object more than once. • I can say "how many" objects are in a group by counting all the objects. • I can tell that each number is one more than the number before it. • 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. • I can count out a given number of objects up to 20 • 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. • I can compare two numbers between 1 and 10 when I see them as written numerals. • I can show addition and subtraction with objects, fingers, acting out situations, drawings, explaining with my words, expressions or equations. • 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. • 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 name two-dimensional ("flat") and three-dimensional ("solid") shapes. • 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 draw the shapes I see in the world. • I can build shapes I see in the world by using other materials.	K.CC.3 K.CC.4a K.CC.4b K.CC.4c K.CC.5 K.CC.6 K.CC.7 K.OA.1 K.OA.2 K.OA.3 K.OA.4 K.OA.5 K.NBT.1 K.MD.3 K.G.1 K.G.2 K.G.3 K.G.4 K.G.5	Unit 4 Quick Quizzes Unit 4 Assessment

Math Expressions Common Core Unit 5: Consolidation of Concepts *May/June*	• I can count to 100 by ones and by tens. • I can write numbers 0 to 20. • I can show "how many" a number from 0 to 20 represents. • I can tell that each number is one more than the number before it. • 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. • I can count out a given number of objects up to 20. • 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. • I can compare two numbers between 1 and 10 when I see them as written numerals. • I can show addition and subtraction with objects, fingers, acting out situations, drawings, explaining with my words, expressions or equations. • 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. • 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).	K.CC.1 K.CC.3 K.CC.4C K.CC.5 K.CC.6 K.CC.7 K.OA.1 K.OA.2 K.OA.3 K.OA.4 K.OA.5 K.NBT.1 K.MD.1 K.MD.2	Unit 5 Quick Quizzes Unit 5 Assessment