HUDSONVILLE PUBLIC SCHOOLS ELEMENTARY COURSE FRAMEWORK

COURSE/SUBJECT **First Grade 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: Partners and Number Patterns Through 10 *September/October*	• I can add to 20 to solve word problems by using objects, drawings, and equations. • I can subtract from 20 to solve word problems by using objects, drawings, and equations. • I can use facts about addition and subtraction to help me add and subtract (i.e., If I know 8 + 3 = 11, then I also know 3 + 8 = 11). • I can use counting to help me add and subtract. • I can add and subtract to 20 using different strategies. • I can find the unknown number in an addition or subtraction equation.	1.OA.1 1.OA.3 1.OA.5 1.OA.6 1.OA.8	Unit 1 Quick Quizzes Unit 1 Assessments
Math Expressions Common Core Unit 2: Addition and Subtraction Strategies *November*	• I can add to 20 to solve word problems by using objects, drawings, and equations. • I can subtract from 20 to solve word problems by using objects, drawings, and equations. • I can use facts about addition and subtraction to help me add and subtract (i.e., If I know 8 + 3 = 11, then I also know 3 + 8 = 11). • I can use counting to help me add and subtract. • I can add and subtract to 20 using different strategies. • I can understand what the equal sign means. • I can tell if an addition or subtraction equation is true or false. • I can find the unknown number in an addition or subtraction equation.	1.OA.1 1.OA.3 1.OA.5 1.OA.6 1.OA.7 1.OA.8	Unit 2 Quick Quizzes Unit 2 Assessments
Math Expressions Common Core Unit 3: Unknown Numbers in Addition and Subtraction *December*	• I can add to 20 to solve word problems by using objects, drawings, and equations. • I can subtract from 20 to solve word problems by using objects, drawings, and equations. • I can understand subtraction as an unknown-partner problem. • I can use counting to help me add and subtract. • I can add and subtract to 20 using different strategies. • I can understand what the equal sign means. • I can tell if an addition or subtraction equation is true or false. • I can find the unknown number in an addition or subtraction equation.	1.OA.1 1.OA.4 1.OA.5 1.OA.6 1.OA.7 1.OA.8	Unit 3 Quick Quizzes Unit 3 Assessments

Math Expressions Common Core Unit 4: Place Value Concepts *January*	• I can add to 20 to solve word problems by using objects, drawings, and equations. • I can subtract from 20 to solve word problems by using objects, drawings, and equations. • I can use facts about addition and subtraction to help me add and subtract (i.e., If I know 8 + 3 = 11, then I also know 3 + 8 = 11). • I can use counting to help me add and subtract. • I can add and subtract to 20 using different strategies • I can find the unknown number in an addition or subtraction equation. • I can count to 120 starting at any number less than 120. • I can read and write numbers to 120. • I can understand that a two-digit number is made up of tens and ones. • I can understand that 10 is really ten ones called a "ten." • I can understand that the numbers 11 to 19 are made up of a ten and some more ones. • I can understand that the numbers 10, 20, 30, 40, 50, 60, 70, 80, 90 mean the same as one, two, three, four, five, six, seven, eight, or nine tens (and 0 ones). • I can compare two 2-digit numbers using >, <, =. • I can add numbers to 100. • I can add a two-digit number and a one-digit number using hands-on math tools, drawings and strategies to help me. • I can add a two-digit number and a decade number using hands-on math tools, drawings and strategies to help me. • I can show and explain how my strategy helped me solve the problem. • I can understand that when I add two-digit numbers, I add tens and tens, ones and ones; and sometimes it is necessary to make a new ten. • I can find 10 more or 10 less than a 2-digit number in my head. • I can explain my thinking.	1.OA.1 1.OA.3 1.OA.5 1.OA.6 1.OA.8 1.NBT.1 1.NBT.2 1.NBT.2a 1.NBT.2b 1.NBT.2c 1.NBT.3 1.NBT.4 1.NBT.5	Unit 4 Quick Quizzes Unit 4 Assessments

Math Expressions Common Core Unit 5: Place Value Situations *February*	• I can add to 20 to solve word problems by using objects, drawings, and equations. • I can subtract from 20 to solve word problems by using objects, drawings, and equations. • I can use facts about addition and subtraction to help me add and subtract (i.e., If I know 8 + 3 = 11, then I also know 3 + 8 = 11). • I can understand subtraction as an unknown-partner problem. • I can use counting to help me add and subtract. • I can add and subtract to 20 using different strategies such as: • counting on • making ten (e.g., 8 + 6 = 8 + 2 + 4 = 10 + 4 = 14) • decomposing a number to make a ten (e.g., 13 − 4 = 10 − 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) • I can find the unknown number in an addition or subtraction equation. • I can count to 120 starting at any number less than 120. • I can read and write numbers to 120. • I can understand that a two-digit number is made up of tens and ones. • I can understand that the numbers 10, 20, 30, 40, 50, 60, 70, 80, 90 mean the same as one, two, three, four, five, six, seven, eight, or nine tens (and 0 ones). (For example, 30 means 3 tens.) • I can subtract decade numbers between 10-90 from other decade numbers, using hands-on math tools, drawings and strategies to help me • I can show and explain how my strategy helped me solve the problem.	1.OA.1 1.OA.2 1.OA.3 1.OA.4 1.OA.5 1.OA.6 1.OA.8 1.NBT.1 1.NBT.2 1.NBT.2c 1.NBT.4 1.NBT.5 1.NBT.6	Unit 5 Quick Quizzes Unit 5 Assessments
Math Expressions Common Core Unit 6: Comparisons and Data *March*	• I can add to 20 to solve word problems by using objects, drawings, and equations. • I can subtract from 20 to solve word problems by using objects, drawings, and equations. • I can add three numbers (total up to 20) to solve word problems by using objects, drawings, and equations. • I can use counting to help me add and subtract. • I can find the unknown number in an addition or subtraction equation. • I can organize, show and understand data with up to three categories. • I can ask and answer questions about the data total. • I can find how many are in each category. • I can find how many more or less are in one category than in another.	1.OA.1 1.OA.2 1.OA.5 1.OA.8 1.MD.4	Unit 6 Quick Quizzes Unit 6 Assessments

Math Expressions Common Core Unit 7: Geometry, Measurement, and Equal Shares *April*	• I can put three objects in order by length. • I can use an object to compare the length of two objects. • I can use a shorter object to measure the length of an object. • I can understand that the length of an object is the number of same-sized units laid end-to-end with no gaps or overlaps. • I can tell and write time to the nearest hour and half-hour. • I can tell which attributes are important to identify a shape and which ones are not. • I can build and draw shapes when I am given a list of attributes. • I can use two-dimensional shapes to create new shapes. • I can use three-dimensional shapes to create new shapes. • I can divide circles and rectangles into two and four equal sections. • I can correctly use the words halves, fourths, and quarters. • I can describe the whole as two of, or four of the sections. • I can understand dividing a shape into equal sections, makes smaller sections.	1.MD.1 1.MD.2 1.MD.3 1.G.1 1.G.2 1.G.3	Unit 7 Quick Quizzes Unit 7 Assessments
Math Expressions Common Core Unit 8: Two-Digit Addition *May*	• I can compare two 2-digit numbers using >, <, =. • I can add numbers to 100. • I can add a two-digit number and a one-digit number using hands-on math tools, drawings and strategies to help me. • I can add a two-digit number and a decade number using hands-on math tools, drawings and strategies to help me. • I can show and explain how my strategy helped me solve the problem. • I can understand that when I add two-digit numbers, I add tens and tens, ones and ones; and sometimes it is necessary to make a new ten. • I can subtract decade numbers between 10-90 from other decade numbers, using hands-on math tools, drawings and strategies to help me • I can show and explain how my strategy helped me solve the problem.	1.NBT.3 1.NBT.4 1.NBT.6	Unit 8 Quick Quizzes Unit 8 Assessments