



2018-2019 Curriculum Map for First Grade Math 3rd Nine Weeks		Go Math Chapters
M.1.6 Operations and Algebraic Thinking- Addition and Subtraction within 20. Add and subtract within 20, demonstrating fluency for addition and subtraction within 10 and use strategies such as <ol style="list-style-type: none">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 $12 - 8 = 4$); andcreating equivalent but easier or known sums (e.g., adding $6 + 7$ by creating the known equivalent $6 + 6 + 1 = 12 + 1 = 13$).	8	
M.1.9 Number and Operations Base Ten- Extend the Counting Sequence Count to 120, starting at any number less than 120. In this range, read and write numerals and represent a number of objects with a written numeral.	6	
M.1.10 Number and Operations Base Ten- Understand place value. Understand the two digits of a two-digit number represent amounts of tens and ones. Understand the following as special cases: <ol style="list-style-type: none">10 can be thought of as a bundle of ten ones — called a “ten.” (e.g., A group of ten pennies is equivalent to a dime.)The numbers from 11 to 19 are composed of a ten and one, two, three, four, five, six, seven, eight or nine ones.The numbers 10, 20, 30, 40, 50, 60, 70, 80, 90 refer to one, two, three, four, five, six, seven, eight or nine tens (and 0 ones).	6	
M.1.11 Number and Operations Base Ten- Understand place value. Compare two two-digit numbers based on meanings of the tens and ones digits, recording the results of comparisons with the symbols $>$, $=$, and $<$.	6, 7	
M.1.12 Number and Operations Base Ten- Using place value understanding and properties of operations to add and subtract. Add within 100, including <ol style="list-style-type: none">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.	8	
M.1.13 Number and Operations Base Ten- Using place value understanding and properties of operations to add and subtract. Given a two-digit number, mentally find 10 more or 10 less than the number, without having to count and explain the reasoning used.	6, 7	
M.1.14 Number and Operations Base Ten- Using place value understanding and properties of operations to add and subtract. 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.	8	
M.1.15 Measurement and Data- Measure lengths indirectly and by iterating length units. Order three objects by length and compare the lengths of two objects indirectly by using a third object.	9	
M.1.16 Measurement and Data- Measure lengths indirectly and by iterating length units. 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.	9	
M.1.17 Measurement and Data- Tell and write time. Tell and write time in hours and half-hours using analog and digital clocks.	9	
Include Number Talks and integrate the Mathematical Habits of Mind . 1. Make sense of problems and persevere in solving them. 2. Reason Abstractly and Quantitatively. 3. Construct viable arguments and critique the reasoning 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.		