KINDERGARTEN MATHEMATICS

Priority Standard #1 Counting and Cardinality *Know number names to 20 and the counting sequence to 100 (K.CC.1–3). Count to tell the number of objects (K.CC. 4–5). Identify and compare quantities of objects and numerals (K.CC.6–7).*	
0	Not Covered
1	Say counting numbers from 1 to 10 in the correct sequence and 1 to 20 with few errors Count forward beginning with a number other than one within 10 Understand the relationship between numbers and quantities within 5 Represent a set of objects with a written numeral within 5 Recognize that zero represents a count of no objects Attend to one-to-one correspondence within 5 Count to name the total amount of the set within 5 and know the last number counted names the quantity of objects in the set Distinguish the difference between the meanings of more and less
2	Say counting numbers from 1 to 100 with few errors Count forward beginning with a number other than one within 20 Read numerals 0-10 Understand the relationship between numbers and quantities within 10 Represent a set of objects with a written numeral (subitize) within 10 Attend to one-to-one correspondence within 10 Count to name the total amount of the set within 10 and know the last number counted names the quantity of the set. Compare to sets of objects between 1 and 10 using greater than, less than, or equal to
3	Say counting numbers in the correct sequence from 1 to 100 Count in the correct sequence to 100 by tens Count forward beginning with a number other than one within 100 Understand the relationship between numbers and quantities within 20 Represent a set of objects with a written numeral within 20 Attend to one-to-one correspondence within 20 Count to name the total amount of the set within 20 and know the last number counted names the quantity of the set Count in a way that all objects are included in the count Understand and state how many objects there would be if the set was increased by one Understand the number of objects in a set remains constant regardless of their arrangement or the order of the count Count objects in two different groups to identify which group has a number of objects greater than, less than, or equal to the other Compare two numerals between 1 and 10 using greater than, less than, or equal to

Priority Standard #2 Represent and Solve Problems Involving Addition and Subtraction *Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from within 10 (K.OA.1-4). Fluently add and subtract using numbers within 5 (K.OA.5).*	
0	Not Covered
1	Understand addition as putting together **or** the joining of two sets to create a larger set Understand addition as adding to **or** increasing the amount in the set Understand subtraction as taking apart **or** separating a larger set into two smaller sets Understand subtraction as taking from **or** decreasing the amount in a set
2	Represent addition **or** subtraction with objects, fingers, mental images, simple drawings, or sounds (actions) Solve addition **or** subtraction word problems within 10 Fluently add **or** subtract within 5
3	Represent both addition **and** subtraction with objects, fingers, mental images, simple drawings, or sounds (actions) Solve both addition **and** subtraction word problems within 10 Decompose (take apart) numbers less than or equal to 10 Make sums up to 10 Fluently add **and** subtract within 5

Priority Standard #3 Understand and Use Place Value *Use objects or drawings to compose and decompose numbers 11–19 to gain foundations for place value (K.NBT.1).*	
0	Not Covered
1	Compose and decompose numbers from 11-19 into a group of ten ones and some more ones
2	Understand that the numbers 11-19 are made up of two digits Connect physical representations (objects) to visual representations (drawing)
3	Use objects and drawings to represent numbers 11-19 as a group of ten ones and some more ones Connect and use physical and visual representations to create equations to represent numbers 11-19 as ten plus a single digit number equals a two-digit number 10+3=13 Move flexibly between recognizing and writing equations with the total on both sides of the equal sign