Math Curriculum Map

Kindergarten

**1st Nine Weeks**

* Counting and Cardinality
  + Count to 10 by ones **(K.CC.A.1)**
  + Write numbers (0-5) **(K.CC.A.3)**
  + Identify sets of objects that are less than, greater than, and equal to another set (0-10) **(K.CC.C.6)**
  + Compare two numbers between 1 and 10 using less than, greater than or equal **(K.CC.C.7)**
* Measurement and Data
  + Classify (sort) objects into categories and count the objects in each category **(K.MD.B.3/L.K.5a)**
* Readiness Skills
  + Sequence numbers (0-5)
  + Identify numerals (0-5)

**2nd Nine Weeks**

* Counting and Cardinality
  + Count to 30 by ones **(K.CC.A.1)**
  + Write numbers (0-10) **(K.CC.A.3)**
  + Write number of objects in a set (0-10) **(K.CC.A.3)**
  + Count using 1 to 1 correspondence (0-10) **(K.CC.B.4a-c)**
* Measurement and Data
  + Describe attributes of objects, such as length or weight **(K.MD.A.1)**
  + Directly compare objects to see which is heavier/ lighter, taller/ shorter, etc. **(K.MD.A.2)**
* Readiness Skills
  + Sequence numbers (0-10)
  + Identify numerals (0-10)

**3rd Nine Weeks**

* Counting and Cardinality
  + Count to 50 by ones **(K.CC.A.1)**
  + Write numbers (0-20) **(K.CC.A.3)**
  + Write number of objects in a set (0-20) **(K.CC.A.3)**
  + Connect counting to quantity and number order **(K.CC.B.4a/b/c)**
  + Count to answer “how many” questions about objects (arranged in a line, rectangular array, circle or scattered) **(K.CC.B.5)**
* Measurement and Data
  + Classify (sort) objects into categories and count the objects in each category **(K.MD.B.3/L.K.5a)**
* Geometry
  + Describe objects using names of shapes **(K.G.A.1)**
  + Describe relative position of shapes (above, below, beside, in front of, behind, next to) **(K.G.A.1)**
  + Identify shapes as 2 dimensional or 3 dimensional **(K.G.A.3)**
  + Identify 2 and 3 dimensional shapes (rectangle, triangle, square, circle, hexagon, cube, cone, cylinder, sphere) **(K.G.A.2)**
  + Analyze and compare 2 and 3 dimensional shapes (sides and corners) **(K.G.A.4)**
  + Model shapes in the world by building shapes from components (e.g., sticks and clay balls) and drawing shapes. **(K.G.B.5)**
  + Compose simple shapes to form larger shapes (i.e. put 2 squares together to make a rectangle) **(K.G.B.6)**
* Readiness Skills
  + Sequence numbers (0-20)
  + Identify numerals (0-20)

**4th Nine Weeks**

* Counting and Cardinality
  + Count to 100 by ones **(K.CC.A.1)**
  + Count to 100 by tens **(K.CC.A.1)**
  + Count forward from a given number (1-100) **(K.CC.A.2)**
* Operations and Algebraic Thinking/ Numbers in Base Ten
  + Solve addition word problems within 10 using objects or drawings **(K.OA.A.1-2)**
  + Solve subtraction word problems within 10 using objects or drawings **(K.OA.A.1-2)**
  + Decompose numbers through ten in more than one way (i.e. 5 = 2 + 3 and 5= 1+4) **(K.OA.A.3)**
  + Find the number that makes 10 when added to a given number from 1 – 9 (i.e. 1 + ? = 10)
  + Fluently add within 5 **(K.OA.A.5)**
  + Fluently subtract within 5 **(K.OA.A.5)**
  + Compose and decompose numbers from 11 – 19 into tens and ones (12 is 1 ten and 2 ones) **(K.NBT.A.1)**