# Kindergarten First Semester Math Curriculum Guide

## First Nine Weeks

### Numbers to 10

**K.CC.A.3** Read, write, and represent numerals from 0 to 20 **(1st Nine Weeks- 0-10)**

**K.CC.B.4** Understand the relationship between numbers and quantities; connect counting to cardinality

When counting objects:
Say the numbers in order, pairing each object with only one number and each number with only one object (one to one correspondence)
Understand that the last number said tells the number of objects counted
Understand that each successive number refers to a quantity that is one larger

**K.CC.B.5** Count to answer "how many?":

Count up to 20 objects in any arrangement **(1st Nine Weeks- up to 10)**
Count up to 10 objects in a scattered configuration
Given a number from 1-20, count out that many objects

**K.OA.A.3** Use objects or drawings to decompose (break apart) numbers less than or equal to 10 into pairs in more than one way, and record each decomposition (part) by a drawing or an equation (e.g., 5 = 2 + 3 and 5 = 4 + 1)

**K.MD.B.3** Classify, sort, and count objects using both measureable and non-measureable *attributes* such as size, number, color, or shape

## Second Nine Weeks

### Two Dimensional and Three Dimensional Shapes & Compare Length, Weight, Capacity & Numbers

**K.G.A.1** Describe the positions of objects in the environment and geometric shapes in space using names of shapes, and describe the relative positions of these objects

**K.G.A.2** Correctly name shapes regardless of their orientations or overall size

**K.G.A.3** Identify shapes as two-dimensional (flat) or three-dimensional (solid)

**K.G.B.4** Analyze and compare two- and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts (e.g., number of sides and vertices/corners), and other *attributes* (e.g., having sides of equal length)

**K.G.B.5** Model shapes in the world by building shapes from components (e.g., sticks and clay balls) and by drawing shapes
K.G.B.6 Compose two-dimensional shapes to form larger two-dimensional shapes

**K.CC.C.6** Identify whether the number of objects in one group from 0-10 is greater than (more, most), less than (less, fewer, least), or equal to (same as) the number of objects in another group of 0-10

**K.CC.C.7** Compare two numbers between 0 and 20 presented as written numerals

**K.MD.A.1** Describe several measurable *attributes* of a single object, including but not limited to length, weight, height, and temperature
Describe the difference when comparing two objects (side-by-side) with a measurable *attribute* in common, to see which object has more of or less of the common *attribute*