

**Focus Statement:** Students will identify, count, and print numerals 0-20. Students will pattern and sort in a variety of ways using manipulatives and other resources in their natural environment.

Throughout all outcomes, kindergarten students will use problem solving strategies including estimation, use of manipulatives, illustrations, and think alouds.

**M.K.1        Students will identify, describe, extend and create patterns using a variety of manipulatives and other resources in their natural environment.**

M.K.1.1        Identify patterns presented in the natural environment such as shapes on the class calendar, hand/snap body activities, etc.

M.K.1.2        Extend a pattern using manipulatives such as unifix cubes, pattern blocks, assorted buttons

M.K.1.3        Create a pattern using a variety of materials

M.K.1.4        Given a specific pattern, students will generalize that pattern in a variety of situations.

**M.K.2        Students will demonstrate sorting skills using a variety of manipulatives and other resources in their natural environment.**

M.K.2.1        Identify two or more attributes of a given set of materials and group them accordingly

M.K.2.2        Describe how materials are being sorted

M.K.2.3        Create and explain with a wide variety of materials different ways to sort

**M.K.3        Students will identify, count, and print numerals 0-20**

M.K.3.1        Count a variety of manipulatives and objects 0-20

M.K.3.2        Identify numerals 0-20 through daily calendar activities, printing practice, math games

M.K.3.3        Print numerals 0-20 through printing practice, daily calendar activities and math games

**M.K.4          Students will record and interpret simple data**

M.K.4.1          Measure using non-standard materials such as unifix cubes, string, paperclips

M.K.4.2          Make daily weather observations

M.K.4.3          Record data from measurements or observations

M.K.4.4          Interpret data given a graph using real objects, pictograph and bar graph that displays data

M.K.4.5          Estimate data using the guess and check strategy

**M.K.5          Students will name and identify basic shapes**

M.K.5.1          Given pictures, students will identify a circle, square, triangle and rectangle

M.K.5.2          Create a pattern using basic shapes