Prince George County Public Schools
Kindergarten Mathematics Pacing Guide

1st Nine Weeks

The student will…..

K.1 Given two sets, each containing10 or fewer concrete objects, will identify and describe one set as having more, fewer, or the same number of members as the other set, using the concept of one-to-one correspondence.

K.2 Given a set containing 15 or fewer concrete objects,
a) tell how many are in the set by counting the number of objects orally;
b) write the numeral to tell how many are in the set;

K.4 a) count forward to 100 and backward from 10;
b) identify one more than a number and one less than a number;

K.8 Identify the instruments used to measure length (ruler), weight (scale), time (clock: digital and analog; **calendar: day, month, and season),** and temperature (thermometer).

K.12 Describe the location of one object relative to another (above, below, next to) and identify representations of plane geometric figures (circle, triangle, square, and rectangle) regardless of their positions and orientations in space.

K.15 Sort and classify objects according to attributes.

K.16 Identify, describe, and extend repeating patterns.

Instruct K.1, K.2, K.4, K.8, (highlighted item), K.12, K.15, K.16

Assess K.1, K.15, K.16

2nd Nine Weeks

K.2a,b, K.4a, K.12

Extend objectives from 1st nine weeks

The student will…..

K.3 Given an ordered set of ten objects and/or pictures, indicate the ordinal position of each object, first through tenth, and the ordered position of each object.

K.5 Identify the parts of a set and/or region that represent fractions for halves and fourths

K.11 a) identify, describe, and trace plane geometric figures (circle, triangle, square, and rectangle); and
b) compare the size (larger, smaller) and shape of plane geometric figures (circle, triangle, square, and rectangle).

K.12 Describe the location of one object relative to another (above, below, next to) and identify representations of plane geometric figures (circle, triangle, square, and rectangle) regardless of their positions and orientations in space.

K.14 Display gathered data in object graphs, picture graphs, and tables, and will answer questions related to the data.

Instruct K3-K.5, K.11, K.12, K.14

Assess K.1, K.3, K.5, K.11, K.12

3rd Nine Weeks

K.2a,b, K.4a, K.14

Extend objectives from 2nd nine weeks

The student will…..

K.2 Given a set containing 15 or fewer concrete objects,
c) select the corresponding numeral from a given set of numerals.

K.4 c) count by fives and tens to 100

K.6 Model adding and subtracting whole numbers, using up to 10 concrete objects

K.8 Identify the instruments used to measure length (ruler), weight (scale), time (clock: digital and analog; calendar: day, month, and season), and temperature (thermometer).

K.10 Compare two objects or events, using direct comparisons or nonstandard units of measure, according to one or more of the following attributes: length (shorter, longer), height (taller, shorter), weight (heavier, lighter), temperature (hotter, colder).

Instruct K.2, K.4, K6, K.8, K.9, K.10

Assess K.2, K.4, K.6

4th Nine Weeks

K.8, K.10, K.14

Extend objectives from 2nd & 3rd nine weeks

The student will…..

K.7 Recognize a penny, nickel, dime, and quarter and will determine the value of a collection of pennies and/or nickels whose total value is 10 cents or less.

K.8 Identify the instruments used to measure length (ruler), weight (scale), time (clock: digital and analog; calendar: day, month, and season), and temperature (thermometer).

K.9 Tell time to the hour, using analog and digital clocks.

K.10 Compare two objects or events, using direct comparisons or nonstandard units of measure, according to one or more of the following attributes: length (shorter, longer), height (taller, shorter), weight (heavier, lighter), temperature (hotter, colder).

K.13 Gather data by counting and tallying.

K.14 Display gathered data in object graphs, picture graphs, and tables, and will answer questions related to the data.

Instruct K.7-K10, K.13, K.14

Assess K.7,K.8, K.9, K.10, K.13,K.14