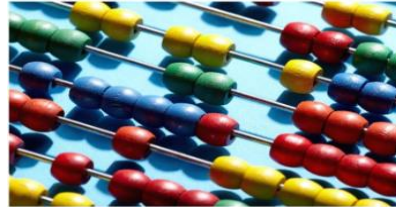




Kindergarten Unit 1: Wondering About My World and Investigating to Find Answers



Overview:

In this unit, students will explore how numbers up to 10 are used to explain the quantity of objects in their world. Through multiple opportunities to count various objects, they will identify written numerals to represent a given set of objects up to 10. Students will begin learning to rote count to 50 by ones and tens and backward from 20 by ones. Based on their curiosity and interests, students will generate questions to investigate situations. They will collect data to answer the questions they generated and represent and explain their data.

Learning Targets:

In Unit 1, students will:

- Count up to 20 objects in a variety of structured arrangements and up to 10 objects in a scattered arrangement.
- When counting objects, explain that the last number counted represents the total quantity in a set (cardinality), regardless of the arrangement and order.
- Count forward to 50 by tens and ones and backward from 20 by ones.
- Identify written numerals 0- 20 and represent a number of objects with a numeral 0- 20 (with 0 representing a count of no objects).
- Ask questions and answer them based on gathered information, observations, and appropriate graphical displays to solve problems relevant to everyday life.

Key Vocabulary: (linked to GA DOE Interactive Glossary)

backward	number	cardinality	number cube
compare	number path	count	Numeral
data	object	different	one-to-one correspondence
dot cube	Rekenrek		

Supporting Resources:

<http://ctlslearn.cobbk12.org/>

<https://toytheater.com/rekenrek/>

<https://gavirtual.instructure.com/courses/33668#modules>

<https://www.abcya.com/grades/prek/numbers>

<https://apps.mathlearningcenter.org/number-chart/>

<https://www.mathlearningcenter.org/apps/number-frames>