Unit 3b-Count Numbers To 20

Content Area: **Math**
Course(s): **Math K**
Time Period: **Marking Period 3**
Length: **MP3 Topic 9 9-1 to 9-6**
Status: **Published**

Essential Questions

- How can numbers to 20 be counted, read, and written and pictured to tell how many?

Big Ideas

- **Number Uses, Classification, and Representation:** Numbers can be used for different purposes, and numbers can be classified and represented in different ways.

- **Numbers and the Number Line:** The set of real numbers is infinite and ordered. Whole numbers, integers, and fractions are real numbers. Each real number can be associated with a unique point on the number line.

- **The Base-Ten Numeration System:** The base-ten numeration system is a scheme for recording numbers using digits 0-9, groups of ten and place value.
- **Equivalence:** Any number, measure, numerical expression, algebraic expression, or equation can be represented in an infinite number of ways that have the same value.
- **Comparison and Relationships:** Numbers, expressions, measures, and objects can be compared and related to other numbers, expressions, measures and objects in different ways.
- **Patterns, Relations, and Functions:** Relationships can be described and generalizations made for mathematical situations that have numbers or objects that repeat in predictable ways. For some relationships, mathematical expressions and equations can be used to describe how members of one set are related to members of a second set.
- **Practices, Processes, and Proficiencies:** Mathematics content and processes can be applied to solve problems.

CSDT Technology Connection

8.2.2.ITH.3: Identify how technology impacts or improves life.

Enduring Understandings

Counting & Cardinality

K.CC.A.2 Count forward beginning from a given number within the known sequence (instead of having to

begin at 1).

K.CC.A.3 (M) Write numbers from 0 to 20. Represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects).

K.CC.B.4c (M) Understand that each successive number name refers to a quantity that is one larger.

K.CC.B.5 (M) Count to answer “how many?” questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1-20, count out that many objects.