Unit 2d-Extend The Counting Sequence

Content Area: **Mathematics**
Course(s): **Math 1**
Time Period: **MP2-3**
Length: **MP2-3 Topic 7 7-1 to 7-7**
Status: **Published**

Essential Questions

- How can you use what you already know about counting to count past 100?

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.
- 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

8.1.2.DA.3 : Identify and describe patterns in data visualizations

Enduring Understandings

Number Operations in Base Ten

1.NBT.A Extend the counting sequence. [M]

1.NBT.A.1 Count to 120, starting at any number less than 120. In this range, read and write numerals and

represent a number of objects with a written numeral. [M]

1.NBT.B.2C The numbers 10, 20, 30, 40, 50, 60, 70, 80, 90 refer to one, two, three, four, five, six, seven, eight, or nine tens (and 0 ones).

1.NBT.B.2A 10 can be thought of as a bundle of ten ones — called a “ten.”

Mathematical Practices Focus

Make sense of problems and persevere in solving them.

MP.2 Reason abstractly and quantitatively.

MP.3 Construct viable arguments and critique the reasoning of others.

MP.4 Model with mathematics.

MP.5 Use appropriate tools strategically.

MP.6 Attend to precision.

MP.7 Look for and make use of structure.

MP.8 Look for and express regularity in repeated reasoning.