Unit 4c-More Addition, Subtraction, And Length

Content Area: **Mathematics**
Course(s): **Math 2**
Time Period: **Marking Period 4**
Length: **MP4 Topic 13 13-1 to 13-7**
Status: **Published**

Essential Questions

- How can I use addition and subtraction to solve problems involving lengths?

Big Ideas

- **Add and Subtract in Contexts:** Students will develop decision-making skills to decide whether to use addition or subtraction to solve problems.
- **Add and Subtract Lengths Using Number Lines**: Students will use a number line to help them find sums or differences involving length measurements.
- **Represent Whole Numbers as Length:** Students will understand that whole numbers can be represented as lengths on a number line.
- **Choosing the Appropriate Measurement Tool:** Students will choose the best tool to solve problems.

CSDT Technology Integration

8.1.2.AP.2: Model the way programs store and manipulate data by using number or other symbols to represent information.

Activity:

Students will use different geometry apps on the chromebooks during Math Work rotations. After, they will discuss which digital application helped them build stronger geometry strategies.

Enduring Understandings

Measurement and Data

2. MD.B.5 (M) Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units, e.g., by using drawings (such as drawings of rulers) and equations with a symbol for the unknown number to represent the problem.

2. MD.B.6 Represent whole numbers as lengths from 0 on a number line diagram with equally spaced points corresponding to the numbers 0, 1, 2, ..., and represent whole-number sums and differences within 100 on a number line diagram.

Operations and Algebraic Thinking

2.OA.A.1 Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

Mathematical Practices Focus

5. Use appropriate tools strategically.