Unit 2d-More Solving Problems Involving Addition And Subtraction

Content Area: **Mathematics**
Course(s): **Math 2**
Time Period: **Marking Period 2**
Length: **MP2 Topic 7 7-1 to 7-8**
Status: **Published**

Essential Questions

- How can you solve word problems that use adding and subtracting?

Big Ideas

- **Equations:** Students will model one-step and two-step addition and subtraction problems using equations with unknowns in any position.
- **Bar Diagrams:** Students will use bar diagrams or other drawings as well as equations to help make sense of one-step word problems, and see how bar diagrams can be drawn to represent each step of a two-step word problem.
- **Write Stories:** Students will write one-step word problems to match given expressions or equations.

Cross Curricular Integration

Integration Area: Language Arts

W.2.8 Recall information from experiences or gather information from provided sources to answer a question.

Activity: Students will write their own word problems within 100. They will then have a partner solve the word problems that they created.

CSDT Technology Integration

8.1.2.DA.1: Collect and present data, including climate change data, in various visual formats.

8.1.2.DA.2: Store, copy, search, retrieve, modify, and delete data using a computing device.

Activity:

In Math Work, students will use the chromebooks to create a google slideshow. The teacher will model how to create their own “Word Problem of the Day”. Students will use an image search engine to find illustrations that match their text. When students finish, they will share with their classmates.

Enduring Understandings

Operations and Algebraic Thinking

2.OA.A.1 (M)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. Students may make sense of the ideas that plants need water and light to grow and that climate change affects the health of plants, animals, and people. In this unit, there would be an opportunity to measure variables and use the date to add and subtract within 100.

Mathematical Practices Focus

2. Reason abstractly and quantitatively.