Unit 4c-Fluently Add And Subtract Within 1,000

Content Area: **Mathematics**
Course(s): **Math 3**
Time Period: **Marking Period 4**
Length: **MP4 Topic 9 9-1 to 9-8**
Status: **Published**

Essential Questions

- What are the procedures for adding and subtracting whole numbers?

Big Ideas

- **Place Value Concepts-** Students learn strategies of partial sums and partial differences which are based on place value.

Diversity Integration

Objective: Utilize different ethnic restaurant menus to create their ideal meal purchase.

Activity: Students will work in partners and be given menus from different cuisines. Students will learn about different types of food, then they will choose a drink, an appetizer, an entree, and a dessert from different types of restaurants. Students will then work with their partners to see the final cost of their meal.

CSDT Technology Connection

8.1.5.AP.3: Create programs that include sequences, events, loops, and conditionals.

Enduring Understandings

Number and Operations in Base Ten

3.NBT.A [M] Use place value understanding and properties of operations to perform multi-digit arithmetic

3.NBT.A.2 Fluently add and subtract within 1000 using strategies and algorithms based on place value,

properties of operations, and/or the relationship between addition and subtraction

Operations and Algebraic Thinking

3.OA.C.7 Fluently multiply and divide within 100 using strategies such as the relationship between multiplication and division (knowing that 8 x 4 = 40, one knows 40 divided by 5 = 8) for properties of operation.

3.OA.D.8 Solve two -step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding

Mathematical Practices Focus

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