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

Content Area: Mathematics<br>Math 3<br>Marking Period 4<br>MP4 Topic 9 9-1 to 9-8<br>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.

## 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 $8 \times 4=40$, 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.
