MATHEMATICS

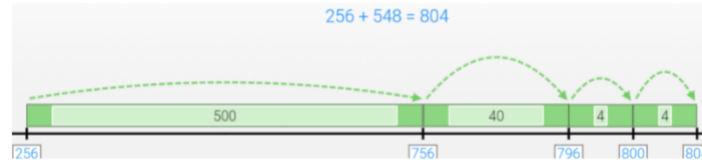## STRATEGIC COMPETENCE: BALANCING THE HOW, WHY, AND WHEN.

2nd Grade Unit 2:

Building Fluency with Addition and Subtraction

256 + 548 = 804

Overview:

In this unit, students will solve addition and subtraction problems within 100 using strategies based on place value, including decomposing a ten, the properties of operations, relationship between addition and subtraction, and part-whole strategies. Students will solve real-life addition and subtraction problems including problems involving charts and graphs. Students will continue to develop their understanding of the value of numbers to 1,000 by representing, ordering, and comparing. Students will demonstrate an understanding of counting sequences. Students will continue to develop fluency using mental math and strategies.

Learning Targets:

In Unit 2, students will:

- Cultivate an understanding of how addition and subtraction affect quantities and are related to each other.
- Reinforce the multiple meanings for addition (combine, join, and count on) and subtraction (take away, remove, count back, and compare).
- Further develop their understanding of the relationships between addition and subtraction.
- Recognize how the digits 0-9 are used in our place value system to create numbers and communicate quantities.
- Continue to develop their understanding solving problems with money.

Key Vocabulary: (linked to GA DOE Interactive Glossary)

Add/addition	Associative property of addition	Bar graph	Commutative property of addition
Comparing	Counting strategy	Difference	Dot pot
Doubles plus one	Equations	Estimating	Identity property of addition
Join	Place value	Quantity	Remove
Scale	Separate	Strategies for addition	Strategy
Subtract/subtraction			

Supporting Resources:

http://ctlslearn.cobbk12.org/

https://gavirtual.instructure.com/courses/34720#modules

Missing Addend

Comparing Numbers

Number Bonds

Place Value Game

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