



2nd Grade Unit 4:

Extending Place Value Understanding to 1,000



Overview:

In this unit, students will extend 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 solve problems involving addition and subtraction within 1,000 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 continue to develop fluency using mental math and strategies.

Learning Targets:

In Unit 4, students will:

- Continue to develop their understanding of and facility with addition and subtraction
- Add up to 4 two-digit numbers.
- Use a variety of models (base ten blocks- ones, tens, and hundreds only; diagrams; number lines; place value strategies; etc.) to add and subtract within one thousand.
- Become fluent with mentally adding or subtracting 10 or 100 to a given three-digit number.
- Demonstrate fluency with addition and subtraction.
- Understand the relationship between addition and subtraction (inverse operations).
- Represent three-digit numbers with a variety of different models (base ten blocks- ones, tens, and hundreds only; diagrams; number lines; place value strategies; etc.).
- Recognize and use place value to manipulate numbers.

Key Vocabulary: (linked to GA DOE Interactive Glossary)

Addition	Commutative Property	Comparing	Compose or Join
Decompose	Decomposing	Dime	Equal
Fluency	Hundreds	Identity Property	Subtraction
Greater Than	Less Than	Model	Ones
Penny	Place Value	Quarter	Scale

Supporting Resources:

<http://ctlslearn.cobbk12.org/>

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

[Place Value](#)

[Add to Target](#)

[Addition and Subtraction Game](#)

[Comparing Numbers](#)