



6th Grade Unit 2:

Making Relevant Connections through Number System Fluency



Overview:

This second unit of sixth-grade math will build upon student knowledge and understanding of whole numbers and fractions by working with number relationships to deepen their connection with fractions. In addition, students will continue computation with four operations with both fractions and decimals using a variety of strategies.

Learning Targets:

In Unit 2, students will:

- Fluently add and subtract combinations of fractions to solve problems
- Multiply and divide any combination of whole numbers, fractions, and mixed numbers
- Interpret products and quotients of fractions and solve word problems
- Fluently perform operations with multi-digit decimal numbers using models and student-selected strategies
- Describe and interpret the center of distribution by the equal share value (mean)
- Interpret numerical data to answer a statistical investigative question created
- Describe the distribution of a quantitative variable collected, including its shape, variability, and center
- Design simple experiments and collect data
- Use gathered data from realistic scenarios and simulations to determine measure of center and variability in order to draw conclusions about the data and make predictions

Key Vocabulary: (linked to GA DOE Interactive Glossary)

Difference	Dividend	Divisor	Factor
Mean	Measurement Model of Division	Median	Multiple
Partitive Model of Divisions	Product	Quotient	Reciprocal
Skewed data	Subtrahend	Sum	

Supporting Resources:

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

<https://gavirtual.instructure.com/courses/34329>

[Division of Decimals](#)

[Adding and Subtracting Decimals](#)

[Multiplication of Decimals](#)

[Multiplying and Dividing Fractions](#)