Unit 1 Study Guide: Number and Operations in Base Ten

Test Date:

Text Book Lessons:

- 1-2 Numbers in the hundreds
- 1-3 Place-Value Patterns
- 1-4 Numbers in the Thousands
- 1-5 Greater Numbers
- 1-7 Comparing Numbers
- 1-10 Rounding Numbers
- 2-1 Addition Properties
- 2-2 Relating Addition and Subtraction
- 2-7 Estimating Sums
- 2-11 Estimating Differences
- 3-1,2,3,4 Adding
- 3-6,7,8,9 Subtracting
- 3-10 Subtracting Across Zero
- 4-7 Reading Pictographs and Bar Graphs
- 4-6 Using Line Plots to Organize Data

In this unit, students will:

- Investigate, understand, and use place value to manipulate numbers.
- Build on understanding of place value to round whole numbers.
- Continue to develop understanding of addition and subtraction and use strategies and properties to do so proficiently and fluently.
- Draw picture graphs with symbols that represent more than one object.
- Create bar graphs with intervals greater than one.
- Use graphs and information from data to ask questions that require students to compare quantities and use mathematical concepts and skills.

Web Resources:

www.IXL.com
- o Looking at Numbers: A1, A9, A10, A11, A 12, A13
- o Place Value—All "B" skills
- o Rounding—L1, L2, L5, L6, L7
- o Addition Properties—J3, J4
- o Addition and Subtraction: K2, all "C" skills, and all "D" skills
- o Graphs—I5

Vocabulary:

- add
- addend
- addition
- associative property of addition
- commutative property of addition
- identity property of addition
- bar graph

- chart
- difference
- expanded form
- graph
- increment
- interval
- inverse
- line plot graph
- pictograph
- place value

- properties
- round
- scale
- standard form
- strategies
- subtract
- subtraction
- sum
- table