



1st Grade Unit 1:

Understanding to Build, Compare & Interpret Numbers Within 120



Overview:

In this introductory unit, students will expand their number concept previously established in kindergarten and begin to develop a deeper understanding of counting and place value. They will read, write, and concretely represent numbers as they count numbers forward and backward starting with any number within 120. In tandem with developing an understanding of counting and place value, students will investigate real-life situations through inquiry. They will ask questions for investigation and answer them based on gathered information, observations, and appropriate graphical displays to compare and order the whole numbers.

Learning Targets:

In Unit 1, students will:

- Rote count forward to 120 by counting on from any number less than 120.
- Represent the number of a quantity using numerals.
- Locate 0-120 on a number line.
- Use the strategies of counting on and counting back to understand number relationships.
- Explore with the 99-chart to see patterns between numbers, such as all of the numbers in a column on the hundreds chart have the same digit in the ones place, and all of the numbers in a row have the same digit in the tens place.
- Read, write, and represent a number of objects with a written numeral (number form or standard form).
- Compare numbers within 100
- Work with categorical data by organizing, representing, and interpreting data using charts and tables.
- Pose questions with 3 possible responses and work with the data that they collect.

Key Vocabulary: (linked to GA DOE Interactive Glossary)

Comparison	Counting on	Data	Equal to =
Fluency	Greater than >	Inequality	Less than <
More than	Number line	Numeral	Pictograph
Place value	Table	Tally mark	Ten frame

Supporting Resources:

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

<https://tangmath.com/numtanga>

<https://gavirtual.instructure.com/courses/34716#modules>

<https://phet.colorado.edu/en/simulations/number-compare>