Module 7 Grade 2
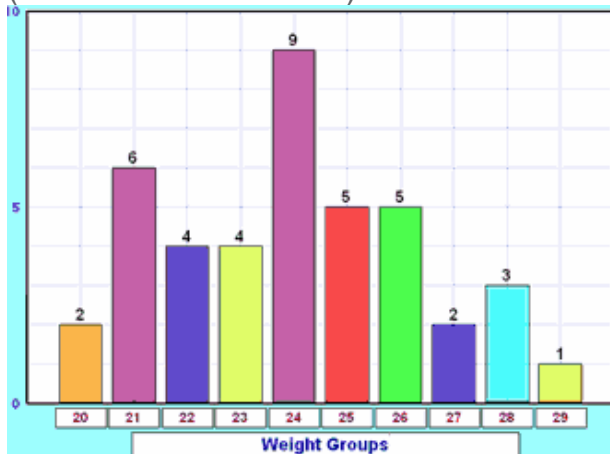
In this unit your student will focus on:

- ✓ Students to practice addition and subtraction strategies within 100 and problem-solving skills as they learn to work with various types of units within the contexts of length, money, and data.
- ✓ Students represent data using picture graphs, bar graphs, and line plots.
- ✓ They measure and estimate length using both metric and customary units.
- ✓ Students display money data in the form of a bar graph
- ✓ Students learn how to make change from one dollar using counting on, simplifying strategies, and the relationship between addition and subtraction.
- ✓ Students solve two-step word problems involving two-digit money amounts
- ✓ Students increase fluency with addition and subtraction within 100
- ✓ Students apply their measurement skills and knowledge of the ruler to measure a variety of objects using the appropriate measurement tools, such as inch rulers and yardsticks, just as they measured with centimeter rulers, meter sticks, and meter tape
- ✓ Students use addition and subtraction to compare two lengths, subtracting the length of the shorter object from the length of the longer object to determine the difference
  (ex., 40 in – 35 in = 5 in, or 35 in + _____ = 40 in).
- ✓ Students identify unknown numbers on a number line by using place value, reference points (e.g., 5, 10, 25, and 50), and the distance between points.

Terminology:
- ✓ Bar Graph – A graph with bars to represent quantity (www.mathsisfun.com)

Adapted from Eureka Story of the Units

✓ Place Value - The place value chart is a graphic organizer that students can use (beginning in Grade 1 with tens and ones through Grade 5 with decimals) to see the coherence of place value and operations between different units.

Place Value Chart with Headings
(Used with unlabeled materials such as base-ten blocks or bundles)

Hundreds	Tens	Ones

Activities you can do at Home:

✓ Play store and have your child make change with $1 and coins
✓ Have your child measure things around the house
✓ Practice fact fluency with skip counting songs
✓ If you use an allowance system, have your child graph how much they earn and spend
✓ Have your child graph how much time they spend reading each day compared to how much time they play
✓ Consider reading *The Great Graph Contest*

Adapted from Eureka Story of the Units