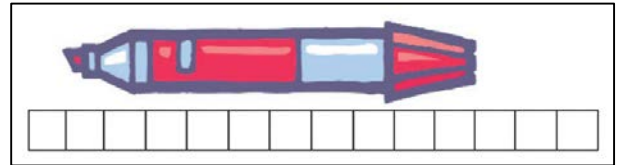




A Story of Units...

Building on Operations

Second grade starts the year with an exploration of addition and subtraction through word problems and place value. In Module 2, we progress into addition and subtraction of measurements using units as seen in the image.



In Module 1 we will:

- **Use** addition and subtraction to solve one- and two-step word problems using multiple representations
- Fluently add and subtract **within 20** using mental math strategies
- Add and subtract **within 100** with tools such as place value, properties of operations, and the connection between addition and subtraction

In Module 2 we will:

- **Measure** an object's length using rulers, measuring tapes, yardsticks, and meter sticks
- **Compare** two measurements of an object with different units
- **Estimate** lengths with standard units
- **Determine** the difference in length between two objects using measurements
- **Solve** word problems involving measurements that are given in the same units
- **Represent** numbers as lengths on a number line

In Module 3 we will:

- **Understand** three digit numbers as hundreds, tens, and ones
- **Skip-count** within 1000 by 5s, 10s, and 100s

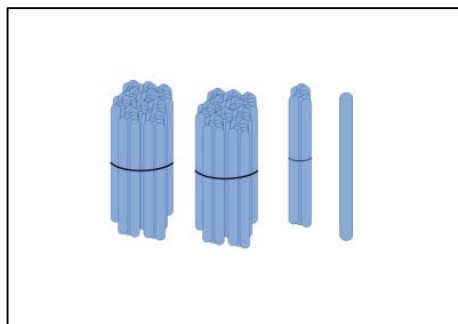
- **Read and write** numbers to 1000 using base-ten numerals and number names

Enrichment Activities

In school, your child will...	At home, your child can...
<p>Build a bank of benchmark measurements around the classroom- such as the width of the chalkboard or the height of a table to increase measurement awareness.</p> <p>Bundle ones, tens, and hundreds using straws to build place value fluency, as illustrated below.</p>	<p>Lookout for measurements around your community. For example, road signs often give information in units such as feet or miles. Additionally, some stores advertise the dimensions of their products.</p> <p>Practice counting a household object such as Cheerios or hair pins by grouping them into groups of ones, fives, and tens.</p>

Focus Standards for Mathematical Practice

- Reason abstractly and quantitatively; students represent quantities with numerals
- Use reasoning to construct arguments and think about the reasoning of others
- Use tools strategically and appropriately
- Use precision and focus when solving a problem
- Look for and make use of structure
- Look for and express regularity in repeated reasoning



Fluency Focus

The fluency practice in the first quarter practices skip counting as a part of understanding addition and subtraction. Second graders also practice knowing their coins with activities such as *Count and Change Coins to 30 Cents*.

