



## Topic C

# Measure and Compare Lengths Using Different Length Units

**2.MD.1, 2.MD.2, 2.MD.4**

<b>Focus Standards:</b>	2.MD.1	Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes.
	2.MD.2	Measure the length of an object twice, using length units of different lengths for the two measurements; describe how the two measurements relate to the size of the unit chosen.
	2.MD.4	Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard length unit.
<b>Instructional Days:</b>	2	
<b>Coherence -Links from:</b>	GK–M3	Comparison of Length, Weight, Capacity, and Numbers to 10
	G1–M6	Place Value, Comparison, Addition and Subtraction to 100
<b>-Links to:</b>	G3–M2	Place Value and Problem Solving with Units of Measure
	G3–M4	Multiplication and Area
	G3–M7	Geometry and Measurement Word Problems

In Topic C, students use different length units to measure and compare lengths. They practice applying their knowledge of centimeters and meters to choose an appropriate measurement tool in Lesson 6. Students discover that there is a relationship between unit size and measurement when they measure one object twice using different length units. They learn that the larger the unit, the fewer number of units in a given measurement. In Lesson 7, students continue to measure and compare lengths using standard and non-standard length units. At this point, students are prepared to explicitly compare different non-standard length units and can make inferences about the relative size of objects.

**A Teaching Sequence Toward Mastery of Measuring and Comparing Lengths Using Different Length Units**

**Objective 1: Measure and compare lengths using centimeters and meters.**  
(Lesson 6)

**Objective 2: Measure and compare lengths using standard metric length units and non-standard length units; relate measurement to unit size.**  
(Lesson 7)