



## Topic H

## Clarification of Measurable Attributes

K.MD.1, K.MD.2, K.CC.6, K.CC.7

<b>Focus Standards:</b>	K.MD.1	Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.
	K.MD.2	Directly compare two objects with a measureable attribute in common, to see which object has “more of”/“less of” the attribute, and describe the difference. <i>For example, directly compare the heights of two children and describe one child as taller/shorter.</i>
<b>Instructional Days:</b>	4	
<b>Coherence</b>	<b>-Links from:</b> GPK–M4	Comparison of Length, Weight, Capacity, and Numbers to 5
	<b>-Links to:</b> G1–M3	Ordering and Comparing Length Measurements as Numbers

Module 3 culminates with a series of three measurement and comparison exploration tasks. In Lesson 29, students compare volume by moving a constant amount of colored water among containers of different shapes. In Lesson 30, students use balls of clay that weigh the same amount, as measured in cubes on the balance scale, to make different sculptures. They see that the same amount of clay can take various forms.

Students are challenged to plan and draw a building in Lesson 31. They compare the height of their building to that of their peers and to a linking cube stick of 10. Students then arrange their buildings to make a classroom city. When they complete the lesson, they have a new awareness of the constructions in their community.

In Module 2, students explored shapes; in Module 3, they explore the height of those shapes. For the final lesson before the End-of-Module Assessment, students consider the different measurable attributes of single items such as a water bottle, a dropper, and a juice box, as well as tools they might use to measure those attributes.

**A Teaching Sequence Toward Mastery of Clarification of Measurable Attributes**

**Objective 1:** Observe cups of colored water of equal volume poured into a variety of container shapes.  
(Lesson 29)

**Objective 2:** Use balls of clay of equal weights to make sculptures.  
(Lesson 30)

**Objective 3:** Use benchmarks to create and compare rectangles of different lengths to make a city.  
(Lesson 31)

**Objective 4:** Culminating task—describe measurable attributes of single objects.  
(Lesson 32)