

# Lesson 9: Compare Capacity

## Standards Alignments

Addressing K.CC.A.1, K.MD.A, K.MD.A.1, K.MD.A.2

### Teacher-facing Learning Goals

- Compare the capacities of two objects.

### Student-facing Learning Goals

- Let's compare objects to see which one holds more.

## Lesson Purpose

The purpose of this lesson is to introduce students to the concept and language used to compare capacity.

In previous units and lessons, students compared the lengths and weights of objects. Students learned that three-dimensional shapes are solid. In this lesson, students learn about an attribute of solid shapes: capacity. Initially students compare two containers where it is visually obvious which one holds more. After this initial discussion, the cups or containers that students are comparing should have capacities that are not obviously different. For example, a shorter, wider cup and a taller, thinner cup.

Although this lesson requires some new materials and preparation, it is extremely helpful for students to have the experience of working with liquids in different shaped containers to build a conceptual understanding of comparing capacity.

### Access for:

#### Students with Disabilities

- Engagement (Activity 2)

#### English Learners

- MLR8 (Activity 1)

## Instructional Routines

Choral Count (Warm-up)

### Materials to Gather

- Containers of different sizes: Activity 1, Activity 2
- Materials from previous centers: Activity 3
- Sticky notes: Activity 1

## Lesson Timeline

Warm-up	10 min
Activity 1	10 min
Activity 2	15 min
Activity 3	20 min
Lesson Synthesis	5 min

## Teacher Reflection Question

What part of the lesson went really well today in terms of students learning? What did you do that made that part go well?

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## Cool-down (to be completed at the end of the lesson)

 0 min

Unit 7, Section B Checkpoint

### Standards Alignments

Addressing K.MD.A

### Student-facing Task Statement

Lesson observations

### Student Responses

- Use comparison language to describe the weight or capacity of objects.