

Today's Lesson: To estimate and measure the capacity of various containers.

CCSS

Measurement and Data, 3rd Grade. (Measure and estimate liquid volumes . . . using standard units of liters.) 3.MD.2

**Focus Lesson 1
(I do)**

"We have been learning how to measure the length of objects. Today we will learn how to measure how much a container holds."

Begin the lesson by making a connection. *"We have to measure different things every day. Who can think of different objects we measure?"* Let children share different examples of what can be measured. (Ex. Subway sandwiches, how tall we are, how much we weigh, etc.)

Next, hold up a container that holds 1 cup. Tell the children that this holds one cup. Ask the students what other containers could hold about one cup. Give students time to brainstorm ideas. Then hold up the same 1 cup container and any other container that is bigger. Ask the children, *"How many cups do you think this container holds?"* Allow children to share estimates with an elbow buddy, then with the class.

Next, ask the students how they would check their estimate? The teacher will then finish the focus lesson by teaching the students that the amount a container holds is its capacity. A 'cup' is a way to measure capacity.

Round of Daily 3 Math

**Focus Lesson 2
(We do)**

The teacher will have a variety of containers available to share with students.

"I am going to show you different containers. I want you to estimate how many cups you think would be in the container I hold up." The teacher will then hold up one of the containers. *"I want you to estimate, in your head, how many cups would be in this container."* The teacher will direct students to then share their estimations with an elbow buddy.

The teacher will then fill the cup as many times as necessary to fill the container. The students will discuss with an elbow buddy whether their estimation was close to the actual number of cups necessary to fill the container. The teacher will continue to have students make estimations on each container, and then count how many cups it takes to fill the container.

Round of Daily 3 Math



Focus Lesson 3
(You do)

Post the following problem on the board or chart paper:

“Mrs. Breuer’s class wants to know which holds more – a milk jug or a 2 liter pop bottle. Which measuring tool would it make sense to use? What would your estimate be? How would you check your estimate?”

The students will then write their answers in their math journal.

Student Sharing

