

Lesson 16: Represent Our Collections

Standards Alignments

Addressing K.CC.A.1, K.CC.B, K.CC.B.4.a
Building Towards K.CC.B

Teacher-facing Learning Goals

- Count collections of objects.
- Represent a collection of objects.

Student-facing Learning Goals

- Let's count collections of objects and show how we counted.

Lesson Purpose

The purpose of this lesson is for students to count collections of objects. The focus is on students representing how they counted.

In the Questions About Us routine, students use 5-frames to determine how many students are at school today. Students then count objects in different collections in a way that makes sense to them and represent their collections. The second activity is an optional activity that provides support in keeping track of which objects have been counted.

This lesson has a Student Section Summary.

Access for:



Students with Disabilities

- Action and Expression (Activity 1)



English Learners

- MLR8 (Activity 2)

Instructional Routines

5 Practices (Activity 1), Questions About Us (Warm-up)

Materials to Gather

- 5-frames: Activity 1
- Chart paper: Warm-up
- Collections of objects: Activity 1, Activity 2
- Counting mats: Activity 1, Activity 2
- Egg cartons: Activity 2

Materials to Copy

- Questions About Us 5-Frames (groups of 30): Warm-up

- Materials from previous centers: Activity 3

Lesson Timeline

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

Teacher Reflection Question

As you finish up this unit, reflect on the norms and activities that have supported each student in learning math. List ways you have seen each student grow as a young mathematician throughout this work. List ways you have seen yourself grow as a teacher. What will you continue to do and what will you improve upon in Unit 2?

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

 0 min

Unit 1, Section D Checkpoint

Standards Alignments

Addressing K.CC.B.4.a

Student-facing Task Statement

Lesson observations

Student Responses

- Say the count sequence to 10.
- Say one number for each object.
- Answer how many without counting again.
- Recognize and name groups of 1, 2, or 3 objects or images without counting.
- Recognize and name groups of 4 objects or images without counting.
- Show quantities on fingers.
- Identify groups with the same number of objects (for groups of up to 4 objects).