

Lesson 14: Answer “How Many” Questions

Standards Alignments

Addressing K.CC, K.CC.A.1, K.CC.B, K.CC.B.4, K.CC.B.4.a, K.G.B

Building Towards K.CC.B

Teacher-facing Learning Goals

- Answer “how many” questions.
- Count collections of objects.

Student-facing Learning Goals

- Let’s count to figure out how many objects are in our collections.

Lesson Purpose

The purpose of this lesson is for students to count collections of objects. The focus is understanding that the last number tells us how many objects there are (cardinality).

In the Questions About Us routine, students brainstorm different ways to represent how many students are at school today. Students then ask and answer “how many” questions as they count objects in different collections in a way that makes sense to them. The second activity is an optional activity that provides support in matching each object with one number.

Access for:

Students with Disabilities

- Representation (Activity 2)

English Learners

- MLR8 (Warm-up)

Instructional Routines

Questions About Us (Warm-up)

Materials to Gather

- 5-frames: Activity 1
- Chart paper: Warm-up
- Collections of objects: Activity 1, Activity 2
- Connecting cubes: Activity 3
- Counting mats: Activity 1
- Egg cartons: Activity 2

Materials to Copy

- Egg Carton Counting (groups of 1): Activity 2
- Connecting Cubes Stage 3 Directions (groups of 2): Activity 3

- 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

In this lesson, students had access to a 5-frame and a counting mat to help them organize and count their collections. How did students use the 5-frame or counting mat to keep track of which objects have been counted? If they did not use the 5-frame or counting mat, how did they keep track of which objects have been counted?

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).