

Lesson 8: Different Groups, Same Quantity

Standards Alignments

Addressing K.CC
Building Towards K.CC, K.CC.B.4, K.CC.C.6

Teacher-facing Learning Goals

- Identify groups of objects or images with the same quantity without counting.

Student-facing Learning Goals

- Let's find groups that have the same number of things.

Lesson Purpose

The purpose of this lesson is for students to identify and match groups with the same number of objects or images without counting.

In previous lessons, students recognized and named groups of up to 5 objects in the classroom and picture books. In this lesson, students identify and match groups that have the same number of things, which builds their understanding that the same number can be represented in many different ways.

Students practice recognizing and naming small groups of objects in the How Many Do You See routine. Then, they look at groups of images and determine which groups have the same amount of images. While students might count the images in each group in order to match the groups with the same quantity, the focus is on matching the quantities without counting.

Access for:

Students with Disabilities

- Engagement (Activity 2)

English Learners

- MLR8 (Activity 2)

Instructional Routines

Act It Out (Warm-up), How Many Do You See? (Activity 1)

Materials to Gather

- Materials from previous centers: Activity 3

Materials to Copy

- Different Groups, Same Quantity (groups of 2): Activity 2

Lesson Timeline

Warm-up	10 min
Activity 1	10 min
Activity 2	10 min
Activity 3	25 min
Lesson Synthesis	5 min

Teacher Reflection Question

When do your students feel successful in math?
How do you know?

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

🕒 0 min

Unit 1, Section B Checkpoint

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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 two groups with the same number of objects, with groups of up to 4 objects.