

Lesson 12: Connect Quantities and Numbers

Standards Alignments

Addressing K.CC, K.CC.A.3, K.CC.B.4, K.CC.B.5

Building Towards K.CC.A.3

Teacher-facing Learning Goals

- Match spoken and written numbers and groups of objects.

Student-facing Learning Goals

- Let's figure out which groups of objects go with which numbers.

Lesson Purpose

The purpose of this lesson is for students to connect quantities to written and spoken numbers.

In previous sections, students connected quantities to spoken number words. In this lesson, students connect groups of objects to written and spoken numbers. A reference sheet is provided for students who do not yet recognize all of the written numbers. Students can determine how many dots there are to figure out which number it is.

Access for:

Students with Disabilities

- Action and Expression (Activity 2)

English Learners

- MLR8 (Activity 1)

Instructional Routines

How Many Do You See? (Warm-up)

Materials to Gather

- Bags (brown paper): Activity 1, Activity 2
- Collections of objects: Activity 1, Activity 2
- Colored pencils, crayons, or markers: Activity 3
- Connecting cubes: Activity 3
- Materials from previous centers: Activity 3

Materials to Copy

- Reference Sheet Numbers (1–10) with 5-Frames (groups of 2): Activity 2
- Number Mat 1-10 (groups of 2): Activity 3
- Number Race Stage 1 Recording Sheet for Writing (groups of 1): Activity 3

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

Which centers from this unit can be used to support students in building an understanding that the arrangement of objects does not change the quantity?

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

 0 min

Unit 2, Section C Checkpoint

Standards Alignments

Addressing K.CC.B.4

Student-facing Task Statement

Lesson observations

Student Responses

- Match groups of objects or images to the spoken number word that tells how many.