Lesson 13: Make 10

Standards Alignments

Addressing	K.CC, K.OA.A.4
Building Towards	K.OA.A.4

Teacher-facing Learning Goals

- Fill in equations to represent compositions and decompositions of 10.
- Find the number that makes 10 when added to a given number.

Student-facing Learning Goals

- Let's make 10.

Lesson Purpose

The purpose of this lesson is for students to find the number that makes 10 when added to a given number.

In previous lessons, students used 10-frames and fingers to compose and decompose 10 in more than one way. In the previous lesson, students used the structure of a partially filled in 10-frame to determine how many more needed to be added to make 10. In this lesson, students develop strategies for finding the number that makes 10 when added to a given number.

While students may use any method that makes sense to them to find the given number, using 10-frames and fingers is highlighted because the structure allows students to see how many more are needed to make 10. As they choose a strategy, they will be making use of appropriate tools strategically (MP5).

Access for:

Students with Disabilities

- Engagement (Activity 2)

English Learners

- MLR8 (Activity 1)

Instructional Routines

How Many Do You See? (Warm-up)

Materials to Gather

- Connecting cubes: Activity 1

Materials to Copy

- Math Fingers Stage 4 Recording Sheet

- Materials from previous centers: Activity 3
- Two-color counters: Activity 2

(groups of 1): Activity 1
- Number Mat 1–9 (groups of 2): Activity 1
- 10-Frame Standard (groups of 1): Activity 2

Lesson Timeline

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

Teacher Reflection Question

What connections did students make between the different strategies shared? What questions did you ask to help make the connections more visible?

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

5 min

Make 10

Standards Alignments

Addressing K.OA.A.4

Student-facing Task Statement

Write the number that makes 10 when added to each number.

5 _____

1 _____

Student Responses

1. 5
2. 9