Lesson 4: Find All the Ways (Optional)

Standards Alignments

Addressing K.CC.A.1, K.CC.A.2, K.OA.A.3

Teacher-facing Learning Goals

- Compose and decompose numbers up to 9.
- Find all the ways to decompose a number.

Student-facing Learning Goals

- Let's find all the ways to break apart a number.

Lesson Purpose

The purpose of this lesson is for students to find all the ways to decompose a number.

This lesson is optional because finding all of the ways to decompose a number is not an expectation of the kindergarten standards. Students look for and make use of structure (MP7) as they use the patterns in decompositions to help them find all the possible ways to decompose a number.

Access for:

Students with Disabilities

- Engagement (Activity 3)

English Learners

- MLR8 (Activity 1)

Instructional Routines

Choral Count (Warm-up)

Materials to Gather

- Connecting cubes: Activity 1, Activity 2
- Materials from previous centers: Activity 3
- Two-color counters: Activity 2

Lesson Timeline

Warm-up	10 min
Activity 1	10 min

Teacher Reflection Question

What part of the lesson went well today in terms of students' learning? What did you do that made that part go well?

Activity 2	15 min
Activity 3	20 min
Lesson Synthesis	5 min

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

0 min

Unit 5, Section A Checkpoint

Standards Alignments

Addressing K.OA.A.3

Student-facing Task Statement

Lesson observations

Student Responses

- Compose and decompose numbers up to 9 in more than 1 way.
- Represent decompositions with objects, drawings, and expressions.