

## Lesson 3: Add and Subtract Within 20

### Standards Alignments

Addressing 1.OA.C.6, 1.OA.D.8

### Teacher-facing Learning Goals

- Add and subtract within 20.

### Student-facing Learning Goals

- Let's add and subtract within 20.

### Lesson Purpose

The purpose of this lesson is for students to add and subtract within 20.

In previous lessons, students practiced adding and subtracting within 10. In this lesson, students use the methods that make the most sense to them to add and subtract within 20. The lesson activities encourage students to use methods such as using known facts, making 10 to add, decomposing a number to lead to a 10 to subtract, and using the relationship between addition and subtraction. This lesson helps students practice adding and subtracting with 20 and apply their fluency within 10 in preparation for their work with addition and subtraction in grade 2.

If students need additional support with the concepts in this lesson, refer back to Unit 3, Sections C and D in the curriculum materials.

### Access for:

#### Students with Disabilities

- Engagement (Activity 2)

#### English Learners

- MLR8 (Activity 2)

### Instructional Routines

MLR7 Compare and Connect (Activity 1), Number Talk (Warm-up)

### Materials to Gather

- Connecting cubes in towers of 10 and singles: Activity 1, Activity 2
- Number cards 0–10: Activity 2
- Tools for creating a visual display: Activity 1

## Lesson Timeline

Warm-up	10 min
Activity 1	20 min
Activity 2	20 min
Lesson Synthesis	10 min

## Teacher Reflection Question

Reflect on your experience with the Number Talks in the curriculum. What moves or questions have improved the learning for each of your students during this routine? What improvements would you make next year to help all students develop fluency throughout the year?

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

 0 min

Unit 8, Section A Checkpoint

### Standards Alignments

Addressing 1.OA.C.6

### Student-facing Task Statement

Lesson observations

### Student Responses

- Add fluently within 10.
- Subtract fluently within 10.
- Use the relationship between addition and subtraction.
- Make 10 when adding or subtracting within 20.