

Lesson 3: Addition and Subtraction with Tens

Standards Alignments

Addressing	1.NBT.A.1, 1.NBT.B.2, 1.NBT.B.2.c, 1.NBT.C.4, 1.NBT.C.5, 1.NBT.C.6, 1.OA.C.5, 1.OA.C.6, 1.OA.D.8
Building Towards	1.NBT.B.2.c, 1.NBT.C.5

Teacher-facing Learning Goals

- Add and subtract 10 from multiples of 10.

Student-facing Learning Goals

- Let's add and subtract 10.

Lesson Purpose

The purpose of this lesson is for students to add and subtract 10 from multiples of 10.

In this lesson, students build on their understanding of tens as they add 10 to and subtract 10 from multiples of 10. Students learn that they can think of adding or subtracting 10 as adding or subtracting a ten from a number of other tens. In the first activity, students use towers of 10 to physically add or subtract a ten from a multiple of 10. In the second activity, students learn a new stage of the Five in a Row center, where they choose a card with a multiple of 10 and decide whether to add or subtract 10 in order to cover five spaces in a row on their gameboard. They may choose to continue to use towers of 10 if helpful.

Access for:

Students with Disabilities

- Action and Expression (Activity 2)

English Learners

- MLR8 (Activity 2)

Instructional Routines

How Many Do You See? (Warm-up)

Materials to Gather

- Connecting cubes in towers of 10 and singles: Activity 1, Activity 2
- Materials from previous centers: Activity 3
- Two-color counters: Activity 2

Materials to Copy

- Five in a Row Addition and Subtraction Stage 4 Gameboard (groups of 2): Activity 2
- Number Cards, Multiples of 10 (0-90) (groups of 2): Activity 2

Lesson Timeline

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

Teacher Reflection Question

Reflect on times you observed students listening to one another's ideas today in class. What norms would help each student better attend to their classmates' ideas in future lessons?

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

 0 min

Unit 4, Section A Checkpoint

Standards Alignments

Addressing 1.NBT.A.1, 1.NBT.B.2, 1.NBT.C.4, 1.NBT.C.6

Student-facing Task Statement

Lesson observations

Student Responses

- Organize and count objects by ten.
- Add and subtract multiples of 10 from other multiples of 10.
- Write multiples of 10 accurately.
- Represent a number in more than one way (drawings, numbers, words, expressions).