

Lesson 8: Groups Up to 110

Standards Alignments

Addressing 1.MD.A.2, 1.NBT.A.1

Teacher-facing Learning Goals

- Measure length and count the number of length units for quantities up to 110.
- Read numbers to 110.

Student-facing Learning Goals

- Let's measure lengths that are longer than 100 cubes.

Lesson Purpose

The purpose of this lesson is to measure length and count and read numbers to 110.

In previous units, students counted quantities and read and wrote numbers up to 99. In previous lessons, students measured the length of objects.

The purpose of this lesson is for students to count a quantity between 100 and 110. In the first activity, students measure how tall they are using base-ten cubes and represent their work in a way that makes sense to them. In the second activity, students make sense of representations of larger numbers. In the lesson synthesis, students learn that 10 tens is 100.

Access for:



Students with Disabilities

- Action and Expression (Activity 1)



English Learners

- MLR8 (Activity 1)

Instructional Routines

Choral Count (Warm-up)

Materials to Gather

- Base-ten blocks: Activity 1
- Scissors: Activity 1
- String: Activity 1

Materials to Copy

- Representations of Numbers Over 80 (groups of 2): Activity 2

Lesson Timeline

Warm-up	10 min
Activity 1	25 min
Activity 2	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 6, Section B Checkpoint

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Student-facing Task Statement

Lesson observations

Student Responses

- Measure length by iterating length units.
- Read and write numbers 100–120.
- Count a group of 100–120 objects and represent it with a written number.