Lesson 13: Questions About Data

Standards Alignments

Addressing   1.MD.C.4, 1.OA.C.5, 1.OA.C.6

Teacher-facing Learning Goals

- Ask and answer questions about data.

Student-facing Learning Goals

- Let's ask and answer questions about data.

Lesson Purpose

The purpose of this lesson is for students to ask questions about data that can be answered by a given data representation.

In previous lessons students answered questions about data using different representations. In this lesson, students begin by determining whether or not questions can be answered by a given representation. Then, students think of questions that can be asked about the data. Finally, students answer each other's questions.

This lesson has a Student Section Summary.

Access for:

♿ Students with Disabilities

- Action and Expression (Activity 3)

🌐 English Learners

- MLR8 (Activity 1)

Instructional Routines

Number Talk (Warm-up)

Materials to Gather

- Connecting cubes: Activity 3
- Materials from a previous activity: Activity 3

Materials to Copy

- Favorite Special Class Data (groups of 4): Activity 2

Lesson Timeline

Warm-up	10 min
Activity 1	10 min

Teacher Reflection Question

What makes someone good at math? In what ways are you making assumptions about which of your students are good at math?

Activity 2	20 min
Activity 3	10 min
Lesson Synthesis	10 min

Cool-down (to be completed at the end of the lesson)   🕐 0 min

Unit 1, Section C Checkpoint

Standards Alignments

Addressing   1.MD.C.4

Student-facing Task Statement

Lesson observations

Student Responses

- Ask and answer "how many" questions about each category of data.
- Ask and answer "how many" questions about two categories of data combined.
- Ask and answer "how many" questions about the total number in the data set.