Lesson 9: What is Your Favorite _____?

Standards Alignments

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

Teacher-facing Learning Goals

- Organize and represent categorical data about the class.

Student-facing Learning Goals

- Let's collect, organize, and show data.

Lesson Purpose

The purpose of this lesson is for students to collect categorical data about the class, organize it, and represent it in a way others can understand.

In previous lessons students sorted objects and created visual representations of the number of objects in each category using shapes, tally marks, or numbers. In this lesson, students answer a survey question and represent different responses with different colored cubes. Connecting cubes are a concrete way to represent each student and their previous work with cubes may lead them to suggest making towers by color to organize the cubes. This supports students as they make their own representations in the next activity. Students make statements based on the data after it is represented visually.

As the class builds community, it is helpful to learn about each other's likes and dislikes. When choosing a survey question to ask, consider some of the following:

What is your favorite:

- animal
- pet
- subject in school
- special area in school (Art, Music, etc.)
- field trip destination
- indoor activity
- recess activity
- sport
- fruit
- snack

Choose a question and come up with three possible responses to the question that students can

choose from when taking the survey. Consider having students help choose the question and responses.

This lesson has a Student Section Summary.

Access for:

♿ Students with Disabilities

- Representation (Activity 1)

🌐 English Learners

- MLR2 (Activity 3)

Instructional Routines

How Many Do You See? (Warm-up)

Materials to Gather

- Colored pencils or crayons: Activity 2
- Connecting cubes: Activity 1, Activity 2
- Materials from a previous activity: Activity 2, Activity 3

Lesson Timeline

Warm-up	10 min
Activity 1	15 min
Activity 2	15 min
Activity 3	10 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 1, Section B Checkpoint

Standards Alignments

Addressing   1.MD.C.4

Student-facing Task Statement

Lesson observations:

Student Responses

- Represent each object with a picture of the object, symbol, or number.
- Label the categories in their representation.