

Lesson 12: Center Day 2 (Optional)

Standards Alignments

Addressing 2.MD.D.10, 2.NBT.B.5, 2.OA.B.2

Teacher-facing Learning Goals

- Practice adding and subtracting within 10 or 20.
- Practice adding within 50.
- Represent data using picture and bar graphs.

Student-facing Learning Goals

- Let's sort a collection and make graphs to represent it.

Lesson Purpose

The purpose of this lesson is for students to practice organizing data and using graphs to represent it. Students also practice adding and subtracting within 10, 20, or 50.

This lesson is optional because it is an opportunity for extra practice that not all classes may need. In Activity 1, students learn stage 2 of the Sort and Display center, which was first introduced in grade 1. In this new stage, called Picture or Bar Graphs, students sort 20–30 objects into 3 categories and make a picture or bar graph that shows how they sorted. In Activity 2, students choose between two previously introduced centers focused addition and subtraction.

Instructional Routines

Number Talk (Warm-up)

Materials to Gather

- Collections of objects: Activity 1

Materials to Copy

- Sort and Display Stage 2 Recording Sheet (groups of 1): 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 how comfortable your students are asking questions of you and of each other. What can you do to encourage students to ask questions?

