Lesson 2: How Many in Each Group?

Standards Alignments

Addressing   3.OA.A.2, 3.OA.A.3
Building Towards   3.OA.A.3

Teacher-facing Learning Goals

- Solve "how many in each group?" problems in a way that makes sense to them.

Student-facing Learning Goals

- Let's represent and solve more problems.

Lesson Purpose

The purpose of this lesson is for students to solve "how many in each group?" problems in a way that makes sense to them.

Previously, students solved "how many groups?" problems in a way that made sense to them. In this lesson students extend problems involving sharing into groups of equal size to include "how many in each group?" problems. Students again have the flexibility to represent and solve problems using any strategy that makes sense to them in this lesson. If students use connecting cubes, encourage them to draw a picture to match their work. At the end of this lesson, **division** is defined as finding the number of groups or finding the size of each group when we share into groups of equal size.

Access for:

♿ Students with Disabilities

- Engagement (Activity 1)

🌐 English Learners

- MLR7 (Activity 3)

Instructional Routines

Notice and Wonder (Warm-up)

Materials to Gather

- Connecting cubes or counters: Activity 1
- Tools for creating a visual display: Activity 1

Lesson Timeline

Warm-up	10 min

Teacher Reflection Question

What did you say, do, or ask during the lesson

Activity 1	15 min
Activity 2	10 min
Activity 3	10 min
Lesson Synthesis	10 min
Cool-down	5 min

synthesis that helped students be clear on the learning of the day? How did understanding the cool-down of the lesson before you started teaching today help you synthesize that learning?

Cool-down (to be completed at the end of the lesson)   🕐 5 min

Apples in Bags

Standards Alignments

Addressing   3.OA.A.3

Student-facing Task Statement

Lin has 30 apples. She makes 6 bags with the same number of apples in each bag to give to her friends. How many apples are in each bag? Explain or show your reasoning.

Student Responses

Each bag has 5 apples. If I put the 30 apples into 6 groups one by one there will be 5 apples in each group.