Lesson 12: What's the Story?

Standards Alignments

Addressing   2.NBT.A, 2.NBT.B.5, 2.OA.A.1

Teacher-facing Learning Goals

- See math in the world around them.
- Write story problems using expressions.

Student-facing Learning Goals

- Let's write story problems.

Lesson Purpose

The purpose of this lesson is for students to ask mathematical questions and write story problems based on a given expression.

In previous lessons, students solved story problems of all types, matched them with tape diagrams and equations, and wrote stories to match tape diagrams. In this lesson, students write story problems to match equations, ask mathematical questions based on pictures and about their environment, and write story problems based on their observations. The goal of the lesson synthesis is for students to discuss which story they liked the most of those that were shared.

Access for:

♿ Students with Disabilities

- Action and Expression (Activity 2)

🌐 English Learners

- MLR8 (Activity 2)

Instructional Routines

Estimation Exploration (Warm-up)

Materials to Gather

- Connecting cubes: Activity 2
- Materials from a previous lesson: Activity 1

Materials to Copy

- Story Photos (groups of 2): Activity 2

Lesson Timeline

Warm-up	10 min
Activity 1	15 min

Teacher Reflection Question

Which students had opportunities to share their math story problems and thinking during the whole-class discussion? How did you select

Activity 2	20 min
Lesson Synthesis	10 min
Cool-down	5 min

these students?

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

What Could the Question Be?

Standards Alignments

Addressing   2.NBT.B.5, 2.OA.A.1

Student-facing Task Statement

Tyler writes the equation $24 + 37 = 61$ to answer a question about the picture.

Write a story problem with a question that Tyler's equation could answer.

Student Responses

Sample response: There are 24 kids running. There are 37 more kids behind them walking. How many kids are there altogether in the race? There are 61 kids in the race.