

Lesson 14: Notice and Wonder

Standards Alignments

Addressing 5.G, 5.MD, 5.NBT, 5.NF, 5.NF.B.3, 5.OA

Teacher-facing Learning Goals

- Interpret a fraction as division of the numerator by the denominator.

Student-facing Learning Goals

- Let's create a Notice and Wonder.

Lesson Purpose

The purpose of this lesson is for students to apply their understanding of fractions as division to create a Notice and Wonder activity.

This lesson offers teachers the opportunity to listen to ways in which students notice and describe sharing and understanding fractions as division. After the warm-up, students create their own Notice and Wonder activity and then facilitate their Notice and Wonder with other students in the class. Students can draw pictures or find images to use for their Notice and Wonder from books or other sources as the teacher determines.

Access for:

Students with Disabilities

- Engagement (Activity 2)

English Learners

- MLR8 (Activity 2)

Instructional Routines

Notice and Wonder (Warm-up)

Materials to Gather

- Chart paper: Activity 2
- Colored pencils, crayons, or markers: Activity 2

Lesson Timeline

Warm-up

10 min

Teacher Reflection Question

What do you love most about math? How are you sharing that joy with your students and

Activity 1	20 min
Activity 2	15 min
Activity 3	15 min
Lesson Synthesis	10 min
Cool-down	5 min

encouraging them to think about what they love about math?

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

 5 min

Reflection

Standards Alignments

Addressing 5.NF.B.3

Student-facing Task Statement

Describe something you really understand well after today's lesson or describe something that was confusing or challenging.

Student Responses

Sample response: I understand how a fraction can be understood as the numerator divided by the denominator. ($a \div b = \frac{a}{b}$)