

# Structures II Lesson Plan

**Title of Activity:** Equivalent Fractions Lesson

**Overview of Activity:** Students will learn about equivalent fractions and their various models in a whole group setting, complete a worksheet independently, and work together in teams to compete in a review Jeopardy game.

**Purpose:** Students will understand what equivalent fractions are and recognize equivalent fraction models and how to use them. Students will be able to utilize this knowledge to generate equivalent fractions and recognize whether or not two fractions are equivalent.

**Classroom Grade-Level:** 3rd Grade

Learning Objective	Common Core Standard Code	Arkansas Framework
Learn to use number lines and visual models to recognize and generate equivalent fractions, explaining how they are equivalent in real-world and mathematical situations. Fractions include: denominators 2, 3, 4, 6, and 8.	CCSS.MATH.CONTENT.3.NF.A.3.B Recognize and generate simple equivalent fractions, e.g., $1/2 = 2/4$ , $4/6 = 2/3$ . Explain why the fractions are equivalent, e.g., by using a visual fraction model.	3.NPV.11

**Resources and Materials To Be Used (plan ahead as much as possible):**

- Student Clipboards
- Student Pencils
- Equivalent Fractions Worksheet
- Jeopardy Game Slideshow
- Equivalent Fractions Slideshow
- Prizes for students - Candy (Approved by Teacher + School Policy), Mini Fidgets (Pop-Its and Slinkies)

**Safety Considerations:**

- Manipulatives and Materials: Beware of Choking Hazards
- Food allergies were considered prior to bringing candy into the classroom

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## Activities and Procedures You Will Use (in order of use):

- Equivalent Fractions Slideshow
- Fractions Worksheet
- Jeopardy Slideshow

## How Learning Will Be Assessed:

Student understanding will be formally assessed through the independently completed worksheets and informally assessed through the Jeopardy game.

## How Will You Conclude Learning Activity (Positive Wrap-Up for Students):

The learning activity will be concluded with the Jeopardy game, ending the lesson with a fun review of the topics learned as well as providing an opportunity for the students to practice collaboration and teamwork. After the Jeopardy game, there will be small prizes for the students, and the Jeopardy team who won will get first pick of the prizes.

## Works Cited:

“Arkansas Mathematics Standards: Grades 3-5.” *Arkansas Division of Elementary and Secondary Education*,  
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Curts, Eric. "Jeopardy."  
[https://docs.google.com/presentation/d/1OiNdUVj9u33n81py9z5WrwPKo\\_yld7vaRLk7wQSbjjU/edit#slide=id.p](https://docs.google.com/presentation/d/1OiNdUVj9u33n81py9z5WrwPKo_yld7vaRLk7wQSbjjU/edit#slide=id.p). Accessed 7 March 2024.

“Equivalent Fractions Sheet 1 - Number Line.” *Math-Salamanders*,  
<https://www.math-salamanders.com/equivalent-fractions-worksheet.html>. Accessed 1 March 2024.

“Grade Three Common Core Standards.” *Common Core State Standards Initiative*,  
<https://www.thecorestandards.org/Math/Content/3/NF/>. Accessed 26 February 2024.

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