

MODEL SESSION PLAN

Topic:
Comparing Fractions

Subject: Mathematics

Student's age: 9-11 years old

Duration of session: 1 hour

Objectives



By the end of the 1-hour lesson, the student will be able to compare two fractions with different denominators and identify which is larger or smaller.

Material/resources



- Laptop or tablet with internet access
- Wooclap account or access to the Wooclap app
- Printed fraction visuals (optional for extra support)



Description of the lesson

Introduction - 10 min

Begin by briefly reviewing the concept of fractions with the child. Explain that fractions represent parts of a whole and that today's focus will be on comparing fractions to determine which is larger or smaller.



Tips: Use simple examples first, like comparing $\frac{1}{2}$ and $\frac{1}{4}$, to help the child understand the concept intuitively. Draw visuals or use objects like slices of paper to represent the fractions if necessary.

Guided Practice (15 minutes):

Introduce the rule for comparing fractions: when the denominators are the same, the larger numerator represents the larger fraction. When denominators are different, you need to find a common denominator or use cross-multiplication to compare the fractions.

Work through a few problems together using the whiteboard or notebook.
For example:

- Compare $\frac{3}{4}$ and $\frac{2}{3}$.
- Compare $\frac{5}{8}$ and $\frac{1}{2}$.

Encourage the child to verbalize their thinking process as they work through each comparison.





Description of the lesson

Interactive Activity: Comparing Fractions with Wooclap (20 minutes):

Now, introduce Wooclap to make the lesson more engaging.

Step 1: Open Wooclap on your device and invite the child to join the interactive session.

Step 2: Start with a Wooclap multiple-choice quiz. Present a series of fraction comparison questions, such as:

- Which fraction is larger? (a) $\frac{2}{3}$ (b) $\frac{1}{2}$
- Which fraction is smaller? (a) $\frac{5}{8}$ (b) $\frac{3}{4}$

Allow the child to answer each question on Wooclap. As the results appear, discuss their answers, praising correct ones and explaining any mistakes.

Step 3: Use Wooclap's open-ended question feature to ask the child to write a brief explanation of how they compare two fractions, reinforcing the thought process behind their answers.

Individual Practice (10 minutes):

Once the child has gained confidence, give them a few additional fraction comparison problems to solve independently, either on paper or using Wooclap. You can check their answers together, providing support as needed.

Conclusion and Reflection (5 minutes):

Wrap up the lesson by asking the child to summarize what they've learned about comparing fractions. Encourage them to explain one method they used, such as finding a common denominator or cross-multiplying.

Praise their effort throughout the lesson, and provide feedback on their progress. Suggest they practice comparing more fractions at home to reinforce what they've learned.



Tips: To extend learning, you could assign a small challenge for the next session where they compare fractions in a real-world context, like dividing food or sharing objects with friends.

