





Backward Design Template

Identify Desired Results

What overarching understandings are desired?	What are the overarching “essential” questions?
<ul style="list-style-type: none">• Fractions exist all around us• Math is all connected• Math is comprised of building blocks and in order to truly understand one concept, you must understand the concepts that lead into it	<ul style="list-style-type: none">• What is a fraction?• How are fractions used in the real world?• How is math displayed through fractions
 	 
What will students understand as a result of this unit?	What “essential” and “unit” questions will focus this unit?
<ul style="list-style-type: none">• Students will understand the connection between fractions and decimals• Equivalent fractions	<ul style="list-style-type: none">• What is the connection between decimals and fractions?• Use a visual models to represent fractions• How would you make equivalent fractions?

Determine Acceptable Evidence

What evidence will show that students understand....

Performance Tasks, Projects

- Students can apply the concept of fractions into the real world
- Students can transfer their knowledge of fractions and apply it in different situations
- Students are able to verbally explain what a fraction is and how it is used the real world.

Quizzes, Tasks, Academic Prompts

- Working with various manipulatives
- Quizzes to check on understanding. These can be pop quizzes, informal quizzes (on a dry erase board) or scheduled quizzes
- Use kidspriation templates on smartboard to enhance smartboard usage
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Other Evidence (eg observations, work samples, dialogues)

- Whiteboards
- Class response cards
- Observations
- Work samples
- Informal assessments

Student Self-Assessment

- Students can assess their understanding by explaining to others
- The teacher will check with the students and ask about understanding.

Plan Learning Experience and Instruction

Given the targeted understandings, other unit goals, and the assessment evidence identified, what knowledge and skills are needed?

Students will need to know.....

- How to identify a fraction
- How to add, subtract, and multiply using whole numbers
- Divide

Students will need to be able to....

- Create equivalent fractions
- Explain what a fraction is
- Demonstrate what a fraction is
- Relate fractions to real world
- Think about fractions outside the box.

What teachings and learning experiences will equip students to demonstrate the targeted understandings?

- In order for proper learning to take place, students must come in with prior knowledge about the topic and be ready and wanting to learn.
- Students need to be okay with taking familiar ideas that our educational system has taught them and turning them into strange concepts.