

Math & Science Collaborative Lesson Plan



Lesson Title: Halves - Real-life activities and folding paper

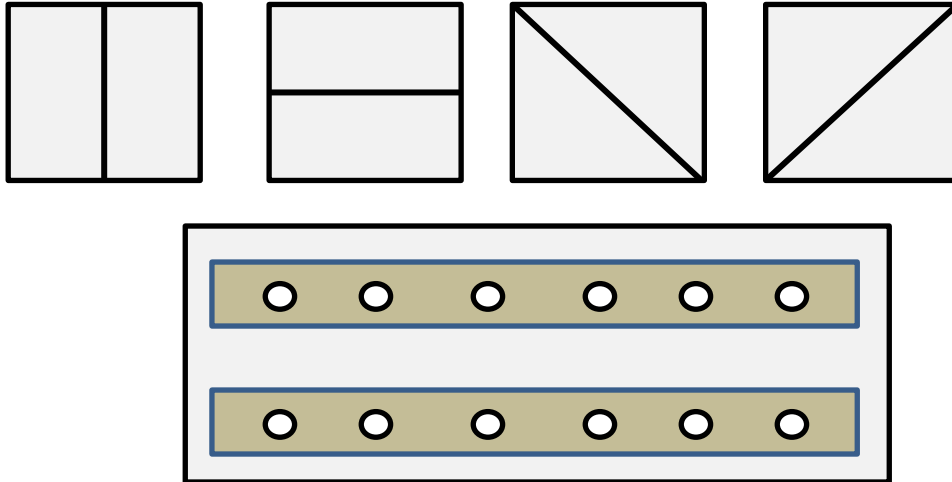
Unit Learning Target (Standard/Performance Expectation(s)) Interpret a fraction as a number of equal parts of a whole, or a set or group.		
Building Block or Lesson Learning Target: Developing halves into a whole and dividing a whole into halves.	Student Success Criteria: Students will recognize a whole (review) Students will recognize $\frac{1}{2}$ s Students will identify, build and write $\frac{1}{2}$ s.	
Previous Lesson Learning Target: What is a whole?		
Target Introduction/ Thinking Question * What is a half?		
Lesson Progression (Flow) with Talk-Structures What is a half? - elicit definitions Chart what students “know” Discuss half of objects / half of sets - use chart to color each component or part that two students receive. (two different colors) Students complete practice papers Discuss answers for clarity In the lesson closure, how can each student get half of the cut stickers and still obtain a whole object?	Anticipated Misconceptions: Understanding different ways to divide to make halves.	Formative Task or Question* <i>Designed to elicit student misconception(s)</i> How do students draw a line to divide each object into two equal parts Students explain their reasoning for how many are in a group of stickers cut in half
	Key Terms In Lesson: One half Fraction Equal	
Lesson Closure Cutting a group of stickers in half.		Exit Task* Cutting a mixed group of stickers in half.

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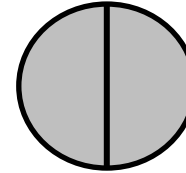
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Do the Math for the Thinking Question

Sandwich



Cookie



Anticipated Misconceptions:

2 Halves equaling 2 wholes instead of 1 whole
Or
 $\frac{1}{2}$ making one whole

Instructional Adjustment(s) (if needed) *Tied to common misconception(s)*

Thinking that 2 halves is not equal to one whole, but actually 2 wholes

Manipulatives and materials to include and have ready to support the lesson *

Square bread slices Round cookies

Dot strips

Stickers and Pictures

* Opportunity for formative assessment