

Backwards Design Template

Name of lesson/ unit: Fractions

Grade Level: k 1 2 3 4 5 6 7 8
 9 10 11 12 college

Subject Area: ELA Math Science Technology
 Social Studies/ History Fine Arts
 PE/Health Foreign Languages

Links to Standards: These links will take you to a web page

[CCSS ELA](#)

[CCSS Math](#)

[CCSS History/SS](#)

[Next Gen Science](#)

[Fine Arts](#)

[PE/Health](#)

[Computer Science/Technology](#)

[Foreign Languages](#)

Stage 1-Desired Results

Content Standard(s):

Copy and paste them here:

CCSS.Math.Content.7.RP.A.1 Compute unit rates associated with ratios of fractions, including ratios of lengths, areas and other quantities measured in like or different units. For example, if a person walks $\frac{1}{2}$ mile in each $\frac{1}{4}$ hour, compute the unit rate as the complex fraction $\frac{1/2}{1/4}$ miles per hour, equivalently 2 miles per hour

<p>Understanding(s): Students will understand that . . .</p> <p>Ratios and fractions can be utilized in everyday situations in real life, such as telling time, measuring distance, and cooking.</p>	<p>Essential Question(s): How are fractions and ratios used in my daily life?</p>
<p><i>Other Notes:</i></p>	
<p>Stage 2-Acceptable Evidence</p>	
<p>Performance Task(s) How do the students prove they understand the concept(s)? What are the tasks?</p> <p>Model understanding of measurement tools</p> <p>Model examples of equivalent ratios and fractions</p> <p>Calculate examples of equivalent ratios and fractions</p> <p>Apply models and calculations to real life story problems</p>	<p>Other Evidence and Formative Assessment works:</p> <p>Worksheets</p> <p>Observations</p> <p>Project</p> <p>Daily work</p> <p>Exit ticket</p>
<p>Rubric: Create a rubric at http://rubistar.4teachers.org/</p> <p>Copy the url to the created rubric and paste it here:</p>	
<p>Stage 3- Learning Plan</p>	
<p>Learning Activities: Type your lesson plan here:</p> <ol style="list-style-type: none"> 1. Introduce terms/ vocabulary, measurement tools, and rubric. 2. Calculate and model scenarios of ratios and fractions in time. 3. Calculate and model scenarios of ratios and fractions in measurement. 4. Calculate and model scenarios of ratios and fractions in cooking. 5. Students will complete tasks/projects to demonstrate understanding of ratios and fractions. 	

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Adapted from Grant Wiggins and Jay McTighe-*Understanding by Design*

<p>Lesson Contributors: Please type your names and your district's name: Becky Gavin, Special Education Teacher Sheridan Grade School, Erin Laurence, Special Education Deer Park, and Nicole Znaniecki, Special Education Serena Grade School</p>

<p>Directions: Save this pdf and email it to trossman@roe35.org Or pwasilewski@roe35.org</p>
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<p>Thank you for sharing!</p>
