

Fraction Quest Project Rubric

Criteria	4	3	2	1
Presentation Content	<p>My explanation of how fractions are used on the job and of the importance of accuracy to job performance is detailed and complete.</p> <p>All key points and conclusions are supported by research. My research has been gathered from a variety of sources as well as from experts in the field.</p> <p>The procedures used to arrive at the solution to my real-world fraction problem are detailed and clear and include all of the steps required to solve the fraction problem.</p> <p>The Essential Question and all Unit Questions are addressed in the presentation and supported with research.</p> <p>Several Content Questions are addressed and thoroughly answered in the presentation.</p>	<p>My explanation of how fractions are used on the job and of the importance of accuracy to job performance is clear.</p> <p>Most key points and conclusions are supported by research. My research has been gathered from a variety of sources.</p> <p>Explanation of my real-world fraction problem and how knowing fractions helped to solve the problem is clear.</p> <p>The Essential Question and all Unit Questions are addressed and answered in the presentation. Most questions are supported with research.</p> <p>One or more Content Questions are addressed and thoroughly answered in the presentation.</p>	<p>My explanation of how fractions are used on the job and of the importance of accuracy to job performance is unclear but includes critical components.</p> <p>Some key points and conclusions are supported by my research.</p> <p>Explanation of my real-world fraction problem and how knowing fractions helped to solve the problem is a little difficult to understand but includes critical components.</p> <p>The Essential Question and all Unit Questions are addressed and answered in the presentation, but they are not adequately supported with research.</p> <p>One or more Content Questions are addressed in the presentation.</p>	<p>My explanation of how fractions are used on the job and of the importance of accuracy to job performance is difficult to understand and missing several components.</p> <p>Key points and conclusions are not supported by my research.</p> <p>Explanation of my real-world fraction problem and how knowing fractions helped to solve the problem is difficult to understand and is missing several components.</p> <p>The Essential Question or some Unit Questions have not been addressed or answered in the presentation. My research is lacking to support answers.</p> <p>Content Questions are not addressed or answered in the presentation.</p>
Mathematical Concepts	<p>My explanation shows complete understanding of the mathematical concepts used to solve the fraction problem.</p>	<p>My explanation shows substantial understanding of the mathematical concepts used to solve the fraction problem.</p>	<p>My explanation shows some understanding of the mathematical concepts needed to solve the problem.</p>	<p>My explanation shows very limited understanding of the underlying concepts needed to solve the problem.</p>
Graphs and Visuals	<p>My graphs, animation, and other visuals are clear and greatly add to the audience's understanding of the mathematical procedures used to solve the fraction problem.</p>	<p>My graphs, animation, and other visuals are clear and easy to understand.</p>	<p>My graphs, animation, and other visuals are somewhat difficult to understand.</p>	<p>My graphs, animation, and other visuals are difficult to understand or are not used.</p>
Mathematical Terminology and Notation	<p>I always use correct mathematical terminology and notation, making it easy to understand.</p>	<p>I usually use correct mathematical terminology and notation, making it fairly easy to understand.</p>	<p>I use correct mathematical terminology and notation, but it is sometimes hard to understand.</p>	<p>I use inappropriate mathematical terminology and notation.</p>

<p>Oral Presentation</p>	<p>My presentation is interesting and well-rehearsed, with smooth delivery that holds the audience's attention.</p>	<p>My presentation is relatively interesting and rehearsed, with a fairly smooth delivery that usually holds the audience's attention.</p>	<p>My delivery is not smooth but holds the audience's attention most of the time.</p>	<p>My delivery is not smooth, and the audience's attention is lost.</p>
<p>Poster Content</p>	<p>Our summary of the fraction activity includes many details and examples. Our representation of the activity is insightful, original, and includes a clear explanation of a common mistake.</p>	<p>Our summary of the fraction activity includes some details and examples. Our representation of the activity includes an explanation of a common mistake.</p>	<p>Our summary of the fraction activity includes a few details or examples. Our representation of the activity and the common mistake are included but they are hard to follow.</p>	<p>Our summary of the fraction activity includes few or no details and examples. Our representation of the activity and the common mistake are unclear, unsupported, or not included.</p>