

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	I always use correct mathematical terminology and notation, making it easy to understand.	I usually use correct mathematical terminology and notation, making it fairly easy to understand.	I use correct mathematical terminology and notation, but it is sometimes hard to understand.	I use inappropriate mathematical terminology and notation.
Oral Presentation	My presentation is interesting and well-rehearsed, with smooth delivery that holds the audience's attention.	My presentation is relatively interesting and rehearsed, with a fairly smooth delivery that usually holds the audience's attention.	My delivery is not smooth but holds the audience's attention most of the time.	My delivery is not smooth, and the audience's attention is lost.
Poster Content	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.	Our summary of the fraction activity includes some details and examples. Our representation of the activity includes an explanation of a common mistake.	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.	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.