

How Can I Relate? Project Rubric

	4	3	2	1
Content Understanding	<p>The research question is original and creative.</p> <p>The explanation of how the large number fact was calculated is detailed and complete.</p> <p>All key points and conclusions about the number fact are supported by research. Research has been gathered from a variety of sources and experts.</p>	<p>The research question is original but may lack creativity.</p> <p>The explanation of how the large number fact was calculated is clear.</p> <p>Most key points and conclusions about the number fact are supported by research. Research has been gathered from a variety of sources.</p>	<p>The research question is typical.</p> <p>The explanation of how the large number fact was calculated is unclear but includes critical components.</p> <p>Some key points and conclusions about the number fact are supported by research.</p>	<p>The research question is copied, or the student needs help in finding a question to study.</p> <p>The explanation of how the large number fact was calculated is difficult to understand and missing several components.</p> <p>Key points and conclusions about the number fact are not supported by research.</p>
Mathematical Concepts	<p>Explanation shows complete understanding of the mathematical concept of magnitude.</p>	<p>Explanation shows substantial understanding of the mathematical concept of magnitude.</p>	<p>Explanation shows some understanding of the mathematical concept of magnitude.</p>	<p>Explanation shows little or no understanding of the underlying concept of magnitude.</p>
Graph and Visual Representation	<p>The graph clearly shows the relationships used to create the big number fact and uses the best scale to represent the magnitude.</p> <p>The visual representation greatly adds to the audience's understanding of the magnitude of the number fact.</p>	<p>The graph is clear and easy to understand but may not use the best scale.</p> <p>The visual representation is accurate but may not show a complete understanding of the magnitude of the number fact.</p>	<p>The graph or visual representation is somewhat difficult to understand.</p>	<p>The graph or visual representation is difficult to understand or is not included.</p>
Mathematical Notation	<p>The large number fact is represented in many ways, making it easy to understand.</p>	<p>The large number fact is represented in multiple ways, making it fairly easy to understand.</p>	<p>The large number fact is represented, but it is hard to understand.</p>	<p>The large number fact is not represented in other ways or is represented incorrectly.</p>

<p>Presentation: Appearance and Delivery</p>	<p>Presentation is organized in a logical manner and is engaging.</p> <p>Graphics enhance the meaning of the presentation.</p> <p>Presentation includes no spelling or punctuation errors.</p> <p>Speakers consistently use effective public speaking skills and project poise, confidence, enthusiasm, and organization.</p>	<p>Presentation is organized in a logical manner.</p> <p>Graphics contribute to the effectiveness of the presentation.</p> <p>Presentation includes no spelling or punctuation errors that detract from meaning.</p> <p>Speakers use effective public speaking skills.</p>	<p>Presentation appears unorganized.</p> <p>Graphics occasionally distract from the meaning of the presentation.</p> <p>Presentation includes a few spelling and punctuation errors that detract from meaning.</p> <p>Speakers attempt to use effective public speaking skills.</p>	<p>Presentation is unorganized and confusing.</p> <p>Graphics distract from the meaning of the presentation.</p> <p>Presentation includes numerous distracting errors.</p> <p>Speakers use ineffective public speaking skills.</p>
<p>Poster: Presentation and Design</p>	<p>Images are relevant to the content and add to the overall meaning of the poster.</p> <p>Poster is balanced, and all of the elements work together to create a focused message.</p> <p>Poster contains no spelling, grammatical, or typing errors.</p>	<p>Images are relevant to the theme of the poster.</p> <p>Poster is fairly balanced and most of the elements work well together.</p> <p>Poster contains a few spelling, grammatical, or typing errors that do not detract from the meaning of the poster.</p>	<p>Some of the images relate to the content of the poster.</p> <p>Poster is slightly unbalanced and some elements detract from the overall message.</p> <p>Poster contains some spelling and grammatical errors that detract from the meaning of the poster.</p>	<p>Few of the images relate to the overall poster, OR the poster has no images.</p> <p>Poster is unbalanced and the elements do not work together to present a unified message.</p> <p>Poster contains many errors in writing conventions that detract from the meaning of the poster.</p>
<p>Teamwork</p>	<p>Responsibilities are divided fairly and equitably, taking advantage of individual strengths.</p> <p>Group supports each other and works together effectively, solving problems on their own and making decisions based on reason.</p>	<p>Responsibilities are divided fairly.</p> <p>Group members work well together and generally solve problems on their own.</p>	<p>Work load is extremely uneven.</p> <p>Group members have frequent disputes and have difficulty resolving problems on their own.</p>	<p>Some group members do not participate or some group members dominate.</p> <p>Group is unable to complete tasks because of unresolved inter-personal conflicts.</p>