

<b><u>Areas of Scoring</u></b>	<b><u>Emerging</u></b>	<b><u>Developing</u></b>	<b><u>Proficient</u></b>	<b><u>Extending</u></b>
<b>Question &amp; Hypothesis</b>	The big question is untestable or vague.  Student did not make a hypothesis.	The big question is testable but vague. It is uninteresting and lacks details.  Hypothesis is short and lacks reasoning.	Big question is specific, testable and offers details.  Hypothesis is well thought out and detailed.	Big question is interesting, engaging, and insightful.  Hypothesis is well written with details and reasoning is explained.
<b>Experiment &amp; Procedure</b>	No experiment was conducted, or it was irrelevant.	Experiment was conducted with some effort but lacked proper scientific testing.	Experiment was thoroughly thought out, was planned, and conducted according to plan. Experiment was relevant to the question.	Experiment goes past expectations and is challenging. It required time, and patience. It is detailed and thought through.
<b>Analysis &amp; Conclusion</b>	No analysis was made, and no data was collected. Conclusion is short and irrelevant to the big question.	Analysis was made but is lacking details. Data collection is unclear, and conclusion is short and lacks a result.	Analysis was made on the experiment with appropriate data collected. Conclusion offers insight on the results to support or reject hypothesis.	Analysis goes beyond the testing and conclusion offers insights on the results of the experiments. Student can analyze errors and variables.
<b>PowerPoint Presentation</b>	Lacks all required elements of the PPT. Student displays little to no knowledge on their topic. Poster is incomplete.	PPT has most of the required elements. Student can speak a little on their topic.	All elements of the PPT are present. Student can speak about their topic with confidence. PPT includes pictures and relevant information. It includes information about their experiment, explanation, and some research.	All elements of the PPT are present and extra elements are displayed. Students speaks clearly about topic that goes beyond what their poster displays. PPT has clear and well written information, including explanation and research. PPT includes relevant pictures.