

## GLOBE Atmosphere Investigation Culminating Project Rubric

Category	Exemplary 5 points	Proficient 3 points	Novice 1 point	Not Included 0 points
<b>Research Question</b>	Clearly stated a research question that could be answered using data collected during the process of the atmosphere investigation.	Provided a research question from the atmosphere investigation that related to the data that was collected.	Referred to a question that was not necessarily answerable with the data that was collected.	Did not provide a research question for the investigation.
<b>Hypothesis Developed</b>	Fully developed the hypothesis proposing a possible explanation of the research question in a format that is testable and measurable.	Provided a hypothesis as a possible explanation of the research question that was not clearly testable or measurable.	Developed a hypothesis that did not provide an explanation of a possible answer for the research question and was not testable or measurable.	Did not provide a hypothesis for the atmosphere investigation.
<b>Detailed Procedure</b>	Clearly summarized and detailed the steps of the investigation process providing enough detail that the atmosphere investigation could be replicated.	Provided steps for the investigation that could be followed but would not allow for accurate replication of the atmosphere investigation.	Steps given were unclear and contained gaps that would not allow for the atmosphere investigation to be replicated.	Did not provide a procedure for the atmosphere investigation.
<b>Data Assembled</b>	Data was selected and assembled in a graphical visualization that could be used as evidence to answer the research question.	Data was selected that could be used to provide an answer to the research question, but was not provided in a graphical format.	Data was selected but could not be used to provide an answer to the research question.	Did not assemble data from the atmosphere investigation.
<b>Data Analyzed</b>	Data was analyzed as evidence to support a clear explanation/argument of the answer to the research question.	Data was analyzed providing an answer to the research question that was not clearly evident from the data.	Data was examined but was not related to the research question as a possible explanation.	Did not analyze data from the atmosphere investigation.
<b>Conclusion Summarized</b>	Results of the atmosphere investigation were summarized with supporting evidence from data collected during the investigation as it related to the hypothesis and new questions were provided for further investigation.	Results of the investigation were summarized with supporting evidence from the data that was collected during the investigation but no reference to the hypothesis was given and questions for further investigation were not provided.	Results of the investigation were summarized but not supported by evidence from the data collected during the investigation, no reference to the hypothesis was given and questions for further investigation were not provided.	Did not provide a conclusion for the atmosphere investigation.

Team Name: \_\_\_\_\_

Final Team Score: \_\_\_\_\_