

K-2: Rubric for participants				
EXPERIMENT PROJECT:	9	7	5	0
<i>Scientific Portion</i>				
Statement of Purpose: Why did the individual choose the project?	Student has a great explanation which shows extreme understanding of the topic and its meaning. Answers the participant guide fully	Student has an explanation which shows some understanding of the topic's meaning	Student does not have or explain their full purpose, or does not have a good creative purpose	no statement of purpose has been provided
Materials: Did the individual include a list of materials for their project? If so, how convenient were the materials?	Has a full list of materials, and if substitutes were used, they were shown to the judge for grading	three or less materials have been used for the experiment		no list of materials has been provided
Analysis: 6 sentences about the results of experiment	Participant clearly has full understanding of the purpose/results of the experiment, and has clearly analyzed at LEAST three test runs	Participant shows a simple understanding of experiment, and has done three test runs	Participant's analysis does not seem to display a clear understanding of the experiment, and did not do a full three trials	no analysis has been provided
Conclusion Statement: Summarize the results of the experiment in your own words.	Reflection on experiment demonstrates an understanding of the experiment, all participant guide questions answered, and there is a summary on the results	does not provide a summary on experimental results, but answers all questions in participant guide		neither the reflection nor summary are given
Content: How well was the procedure carried out? How detailed is the experiment?	Has all parts of the participant guide, and each part is detailed and shows full understanding of the experiment	Has all the parts listed in the participant guide, but there is only simple understanding of the experiment	One or more of the sections are missing	No sections are given
<i>Creative Portion</i>				
Graphic Design Form (google slides, powerpoint): How well did the individual represent their STEM field and their experiment in a creative way?	The graphic design is wonderful. It gives the information in the experiment clearly and looks good too. Included parts of the STEM field they are working on, and the design is creative	The graphic design is good but not many parts of STEM are on their graphic design	The graphic design does not show what the participant has learned and does not show connection to their STEM field	no graphic design has been displayed
Creativity: How well did the individual display their creativity?	There is a good use of a theme (this can mean a color theme, or a format theme; the goal is just for the graphic design to look a little put together) and the work is original, and shows artistic and scientific creativity	There is somewhat of an original theme, and there are some creative parts	not a clear use of a theme; not too much original work is shown. There are only a couple creative elements.	There is no theme or original work shown in the project. There are no creative elements.
Appearance: Is the project neat or organized? How did the individual incorporate color in their presentation?	The project is neat and organized. The student's effort is shown on the project and is colorful.	The project is mostly neat and organized and the student's effort is shown. The project includes color as well.	The project is missing neatness/organization and/or indication of effort and color.	Minimal neatness/organization, student effort, and color was shown in the project
<i>Presentation Portion</i>				
Eye Contact: Did the presenter make eye contact with the audience?	Eye contact is made throughout the presentation.	Eye contact is somewhat made throughout the presentation.	Eye contact was rarely made	Eye contact was not present
Content: The presentation must include the following sections: statement of purpose, hypothesis, images of the experimental set-up, analysis of data	The content is neatly displayed on the presentation and includes all the required aspects listed in the participant guide	The content is displayed on the graphic design element, but the information is not relevant to the experiment.	The presenter does not include one of the sections from the participant's guide and information is not relevant	None of the aspects in the description have been provided in the presentation.

Time Length: The presentation should be no more than 7 minutes.	presentation is 6 minutes	presentation is 3 - 5 minutes	presentation exceeds 7 minutes	presentation is less than 2 minutes