

2009 Monterey County Science & Engineering Fair

Project Number:

Division:

Title of Project:

Item	Outstanding	Good	Satisfactory	Needs Improvement
Research-Bibliography	<p><input type="radio"/> You used information from four or more different sources.</p> <p>You showed where the material was used in your report.</p>	<p><input type="radio"/> You used information from two or three different sources.</p> <p>OR</p> <p><input type="radio"/> You listed more, but it was not apparent where it was used in your report.</p>	<p><input type="radio"/> You used information from one source.</p> <p>OR</p> <p><input type="radio"/> Your project does not incorporate the material you listed.</p>	<p><input type="radio"/> No bibliography</p> <p>OR</p> <p><input type="radio"/> No background research is evident.</p>
Originality/Creativity	<p><input type="radio"/> You devised a unique experiment.</p>	<p><input type="radio"/> You used a known experiment, but modified the procedure, data gathering or application to test an extended or new hypothesis.</p>	<p><input type="radio"/> You duplicated a known experiment from any source to confirm the hypothesis.</p> <p>OR</p> <p><input type="radio"/> The hypothesis was totally predictable and the results were known beforehand.</p>	<p><input type="radio"/> Computer downloads or photocopies of already published material.</p>
Data Collection	<p><input type="radio"/> Your data are quantitative in nature, with sufficiently large samples to show statistical significance.</p> <p>Data were properly logged and organized in a logbook.</p> <p>Variables were identified and controlled.</p>	<p><input type="radio"/> Your data are quantitative in nature, but your sample size was too small to adequately test your hypothesis.</p>	<p><input type="radio"/> Your data are qualitative (not measured).</p>	<p><input type="radio"/> No original data were collected. You used already published materials.</p>
Data Analysis	<p><input type="radio"/> You presented your data in the form of properly-constructed graphs.</p>	<p><input type="radio"/> You attempted to present your data in the form of graphs, tables, etc.</p>	<p><input type="radio"/> You simply listed the results.</p>	<p><input type="radio"/> Data not analyzed.</p>

Item	Outstanding	Good	Satisfactory	Needs Improvement
Display Quality	○ Your display is neat, title is clear and visible from a distance, diagrams and objects are properly anchored.	○ Your overall display arrangement is neat, but objects or diagrams are not neatly done or not present. Text contains minor spelling errors.	○ Your display is not neatly/well constructed. Text contains noticeable errors in spelling or syntax.	○ No display. Report and/or apparatus only.
Conclusion	○ Conclusion is not trivial. It directly relates to hypothesis, and is supported by the data.	○ Conclusion fits with the hypothesis but is not well-supported by the data, or the data is visibly inadequate to support the conclusion.	○ An attempt has been made to present a conclusion.	○ No conclusion.
Verbal Defense	○ You know your research and your project thoroughly. You can explain it to the judge's satisfaction.	○ You are able to summarize your project to the judge's satisfaction.	○ You are not able to fully explain the research or the content of your project.	○ You are unable to explain what your project is about.
Overall Rating	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○

Comments:

(Please use extra sheet if necessary)

Judge's Signature: _____

Judge's e-mail: _____