

2010 Monterey County Science & Engineering Fair

Project Number:

Division:

Title of Project:

| Item | Outstanding | Good | Satisfactory | Needs Improvement |
|-------------------------------|---|---|---|---|
| Research-Bibliography | <ul style="list-style-type: none"> · You used information from four or more different sources. You showed where the material was used in your report. | <ul style="list-style-type: none"> · You used information from two or three different sources. OR · You listed more, but it was not apparent where it was used in your report. | <ul style="list-style-type: none"> · You used information from one source. OR · Your project does not incorporate the material you listed. | <ul style="list-style-type: none"> · No bibliography OR · No background research is evident. |
| Originality/Creativity | <ul style="list-style-type: none"> · You devised a unique experiment. | <ul style="list-style-type: none"> · You used a known experiment, but modified the procedure, data gathering or application to test an extended or new hypothesis. | <ul style="list-style-type: none"> · You duplicated a known experiment from any source to confirm the hypothesis. OR · The hypothesis was totally predictable and the results were known beforehand. | <ul style="list-style-type: none"> · Computer downloads or photocopies of already published material. |
| Data Collection | <ul style="list-style-type: none"> · Your data are quantitative in nature, with sufficiently large samples to show statistical significance. Data were properly logged and organized in a logbook. Variables were identified and controlled. | <ul style="list-style-type: none"> · Your data are quantitative in nature, but your sample size was too small to adequately test your hypothesis. | <ul style="list-style-type: none"> · Your data are qualitative (not measured). | <ul style="list-style-type: none"> · No original data were collected. You used already published materials. |
| Data Analysis | <ul style="list-style-type: none"> · You presented your data in the form of properly-constructed graphs. | <ul style="list-style-type: none"> · You attempted to present your data in the form of graphs, tables, etc. | <ul style="list-style-type: none"> · You simply listed the results. | <ul style="list-style-type: none"> · Data not analyzed. |

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|------------------------|---|--|--|---|
| Display Quality | <ul style="list-style-type: none"> Your display is neat, title is clear and visible from a distance, diagrams and objects are properly anchored. | <ul style="list-style-type: none"> Your overall display arrangement is neat, but objects or diagrams are not neatly done or not present. Text contains minor spelling errors. | <ul style="list-style-type: none"> Your display is not neatly/well constructed. Text contains noticeable errors in spelling or syntax. | <ul style="list-style-type: none"> No display. Report and/or apparatus only. |
| Conclusion | <ul style="list-style-type: none"> Conclusion is not trivial. It directly relates to hypothesis, and is supported by the data. | <ul style="list-style-type: none"> Conclusion fits with the hypothesis but is not well-supported by the data, or the data is visibly inadequate to support the conclusion. | <ul style="list-style-type: none"> An attempt has been made to present a conclusion. | <ul style="list-style-type: none"> No conclusion. |
| Verbal Defense | <ul style="list-style-type: none"> You know your research and your project thoroughly. You can explain it to the judge's satisfaction. | <ul style="list-style-type: none"> You are able to summarize your project to the judge's satisfaction. | <ul style="list-style-type: none"> You are not able to fully explain the research or the content of your project. | <ul style="list-style-type: none"> You are unable to explain what your project is about. |
| Overall Rating | <ul style="list-style-type: none"> | <ul style="list-style-type: none"> | <ul style="list-style-type: none"> | <ul style="list-style-type: none"> |

Comments:

(Please use extra sheet if necessary)

Judge's Signature: _____

Judge's e-mail: _____