Judges: (1) Circle the relative point value, (2) fill in the point blank, (3) total the points, and (4) enter the ribbon.

**Creative Ability:**
How unique or original to the student is this project in the question being asked? Is it significant and unusual for the age of the student in the approach to solving the problem? Does the project demonstrate ideas arrived by the student?

<table>
<thead>
<tr>
<th>Fair</th>
<th>Average</th>
<th>Superior</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 2 3 4 5 6 7 8 9</td>
<td>______</td>
<td></td>
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</tbody>
</table>

How unique or original is this project in the design or use of equipment?

| 1 2 3 4 5 6 7 8 | ______ |

How unique or original is the analysis and interpretation of the data?

| 1 2 3 4 5 6 7 8 | ______ |

**Comments:**

**Scientific Thought/Engineering Goals:**
Is the problem clearly stated? Does the project follow the scientific method? (hypothesis, method, data, conclusion). Are the procedures appropriate, organized, and thorough?

| 1 2 3 4 5 6 7 8 9 | ______ |

Is the information collected accurate and complete? Does the study illustrate a controlled experiment that makes appropriate comparisons? Are the variables clearly defined? Did the student use appropriate literature, references and bibliography for this research?

| 1 2 3 4 5 6 7 8 | ______ |

Are the conclusions accurate and based upon the results? Does the project show the student is familiar with the topic and what the student learned about the project?

| 1 2 3 4 5 6 7 8 | ______ |

**Comments:**

**Skill:**
Does the student have the skills required to do all the work necessary to obtain the data which support the project? Has the student acknowledged help received from others?

| 1 2 3 4 5 6 7 8 | ______ |

Where was the project done and where did the equipment come from?

| 1 2 3 4 | ______ |

**Comments:**

(Over)
**Thoroughness:**
Does the project carry out its purpose to completion within the scope of the original aims? Does the project represent real study, time and effort? Are the conclusions based on a single experiment, or on replication?  
1 2 3 4 5 6 7 8 __________

Is the student aware of other approaches or theories concerning the project? Is the student familiar with the scientific literature in the field in which he/she was working?  
1 2 3 4 __________

**Comments:**

**Clarity:**
Did the student clearly communicate the nature of the problem, how the problem was solved, and the conclusions? Are the problems, procedures, data, and conclusions presented clearly, and in a logical order? Did the student clearly and accurately articulate in writing what was accomplished? Is the objective of the project and project display likely to be understood by one not trained in the subject area?  
1 2 3 4 5 6 7 8 9 10 __________

**Comments:**

**Team Work:**
Are the tasks and contributions of each team member clearly outlined? Does the final work reflect the coordinated efforts of all team members?  
1 2 3 4 5 6 7 8 __________

Was each team member fully involved with the project, and is each member familiar with all aspects?  
1 2 3 4 5 6 7 8 _______

**Comments:**

**RIBBON POINTS:**
Purple Ribbon = 100-85 points  
Blue Ribbon = 84-70 points  
Red Ribbon = 69-50 points  
Green Ribbon = 49-0 points  

**TOTAL POINTS** __________

**RIBBON AWARDED BY THIS JUDGE** ________________

**Explanation of the Ribbon presented to the Student:**

For Judging Teams with Three Judges:
- Purple, Purple, Purple = Purple Final Ribbon
- Purple, Purple, Blue = Purple Final Ribbon
- Purple, Purple, Red = Purple Final Ribbon
- Purple, Purple, Green = Purple Final Ribbon
- Purple, Blue, Blue = Blue Final Ribbon
- Purple, Blue, Red = Blue Final Ribbon
- Blue, Blue, Blue = Blue Final Ribbon
- Blue, Blue, Green = Blue Final Ribbon
- Blue, Red, Red = Red Final Ribbon
- Blue, Red, Green = Red Final Ribbon
- Red, Red, Red = Red Final Ribbon
- Red, Green, Green = Green Final Ribbon
- Blue, Green, Green = Green Final Ribbon
- Purple, Green, Green = Green Final Ribbon

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