

Student's Name _____

SC/SW MINNESOTA REGIONAL
SCIENCE & ENGINEERING FAIR
Junior/Senior High Judging Form

Project Number _____

Project Title _____

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

Fair Average Superior

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?

1 2 3 4 5 6 7 8 9 10 _____

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

1 2 3 4 5 6 7 8 9 10 _____

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

1 2 3 4 5 6 7 8 9 10 _____

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 10 _____

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 9 10 _____

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 9 10 _____

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 9 10 _____

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

1 2 3 4 5 _____

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 9 10 _____

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 5 _____

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:

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, Red, Red = Red Final Ribbon
- Blue, Red, Red = Red Final Ribbon
- Red, Red, Red = Red Final Ribbon
- Blue, Red, Green = Red Final Ribbon
- Red, Red, Green = Red Final Ribbon

- Purple, Blue, Blue = Blue Final Ribbon
- Purple, Blue, Red = Blue Final Ribbon
- Blue, Blue, Blue = Blue Final Ribbon
- Blue, Blue, Red = Blue Final Ribbon
- Blue, Blue, Green = Blue Final Ribbon

- Purple, Green, Green = Green Final Ribbon
- Blue, Green, Green = Green Final Ribbon
- Red, Green, Green = Green Final Ribbon
- Green, Green, Green = Green Final Ribbon