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| |  | | --- | | **To be completed by Region VIII**  Entry: \_\_\_\_\_\_\_\_\_\_\_ Table : \_\_\_\_\_\_\_\_\_\_ |   **REGION VIII SCIENCE FAIR JUDGING FORM**     |  | | --- | | Entry Class (Letter & Name/Subject): |  |  |  | | --- | --- | | 1. Student’s Name: | Student’s Signature: | | 2. Student’s Name: | Student’s Signature: |  |  | | --- | | Title: | | School: |   **Please Read:** I have checked all forms for appropriateness of classification, spelling, and completeness. The applicant(s) has (have) conformed to all the rules and regulations of the International Science & Engineering Science Fair for Junior and Senior Division only, and submitted all necessary forms prior to the experiment if humans or vertebrate animals are involved.   |  |  | | --- | --- | | 1. Teacher’s Name: | Teacher’s Signature: | |

# \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# For use by Region VIII judges

# Creative Ability (30 points) ………………………………………………………………… \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What was the source of the idea or problem?

Does the investigation show originality of concept or approach, or is it a copy of known experiments? This does not mean that the entire project must be original, but ingenious approach or adaptation of materials should be noted.

Collections can be considered as creative only when used to support an investigation or solution of a problem.

No credit should be given for purchased or borrowed equipment that is not part of the work of the student and which serves only as a tool in the investigation.

# Scientific Thought (30 points) ………………………………………………………………. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

To what extent is quality and depth evident? Has the student handled data properly, avoiding firm conclusions without having adequate evidence? Does the investigation show a verification of laws or theories that help to clarify an understanding of scientific facts or principles?

Does research show the background of the problem, orderly analysis, experimental approach, collection & analysis of data, and the formation of logical conclusions?

# Thoroughness (10 points) ……………………………………………………………………. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How completely has the problem been covered in the project? Consider the age and level of experience of the student.

Has the student made use of relevant literature?

# Skill (10 points) ……………………………………………………………………………….. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Has the exhibitor used good judgment in the selection of scientific processes or equipment to solve the problem?

Is there evidence of skill in the use of tools and methods of science?

Does construction of the equipment demonstrate competent workmanship?

What is the nature and extent of the assistance that the student has received, i.e. art classes, advice from scientists, etc?

# Clarity (10 points) ……………………………………………………………………………. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Will a person with an average knowledge of science be able to comprehend the purpose, goals, and general conclusions of the project?

Does the display clearly explain the project?

Are guide marks, labels, and descriptions clearly presented and correctly spelled?

Are all important phases of the investigation presented in a brief and orderly fashion?

**Dramatic (10 points) ………………………………………………………………………….. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

How attractive is the exhibit as compared to others in the same field? The exhibitor should be dynamic and graphic in the presentation of the problem. The layout and results should be attractive and presented in a forthright manner.

The use of “gadgets or cute things” which do not explain the project should not influence the judging.

**Total points for this project: \_\_\_\_\_\_\_\_\_\_** (100 total points possible)

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| --- |
| **To be signed at the time of judging**  **1. Student’s signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. Student’s signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Judge’s Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |