

**M.E.P.I. – GM SCIENCE FAIR EVALUATION FORM**



Name of Presenter: \_\_\_\_\_

Name of Judge: \_\_\_\_\_

**Three Areas of Judging:**

**Area One: For Experiments**

1. Scientific Thought (maximum 25 pts.) \_\_\_\_\_ pts

- a. Is the problem (hypothesis) clearly defined?  Yes  No
- b. Are cause and effect relationships established?  Yes  No
- c. Were all the scientific variables identified and controlled?  Yes  No
- d. Is an understanding of the scientific principles underlying the experiment demonstrated?  Yes  No

2. Thoroughness (maximum 15 pts.) \_\_\_\_\_ pts

- a. Was the experiment repeated (reasonably)?  Yes  No
- b. Does the work that was done represent a completed experiment?  Yes  No
- c. How is data which does not support the hypothesis handled?

**Area Two: For Projects**

1. Scientific Application (maximum 25 pts.) \_\_\_\_\_ pts

- a. Is an understanding of the scientific principles underlying the project demonstrated?  Yes  No
- b. Is an understanding of the functioning of these principles within the project demonstrated?  Yes  No
- c. Is an understanding of the current and potential uses of the project demonstrated?  Yes  No

2. Thoroughness (maximum 15 pts.) \_\_\_\_\_ pts

- a. Is it clear that the necessary research was thoroughly done?  Yes  No
- b. Does the work that was done represent a completed project?  Yes  No

**Area Three: For Experiments and Projects**

3. Creativity and Display (maximum 20 pts.) \_\_\_\_\_ pts.

- a. Does the experiment or project suggest a fresh approach and/or solutions?  Yes  No

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- b. Were materials, methods or resources used inventively?  Yes  No
- c. Are graphs used when advisable, and do they clearly show results?  Yes  No
- d. Are the elements of the visual presentation arranged in eye-catching ways?  Yes  No

4. Written Presentation (maximum 20 pts.) \_\_\_\_\_ pts.

- a. Is the written presentation well organized as a scientific report?  Yes  No
- b. Is the written presentation neat?  Yes  No
- c. Are good language skills evident (i.e., grammar, punctuation, etc.)?  Yes  No

5. Oral Presentation (maximum 20 pts.) \_\_\_\_\_ pts.

- a. Is the oral presentation well organized?  Yes  No
- b. Are the necessary elements of effective oral presentation used?  Yes  No
- c. Does the oral presentation communicate thoroughly the substance of the experiment or project?  Yes  No

**EVALUATION TOTAL:** \_\_\_\_\_ pts.