

Student Number \_\_\_\_\_ (Assigned)

Academic Rodeo Science Fair

### Experimental Project Evaluation

Category: Behavioral Bio Chem Env Phy

Level: E MS HS

Total Score

Items to Evaluate: Circle 0 to 5 to show the degree to which the project shows the characteristic listed. (0 = not at all, 5= to a great degree)

#### Pre-Judging: Notebook/Journal

1	To what extent did the student/team research the topic in preparing project	0	1	2	3	4	5
2	How well does the student or team show resources used and document the use of those resources?	0	1	2	3	4	5
3	How well does the student or team present observations and results from project?	0	1	2	3	4	5
4	How effective are the charts, graphs, and tables in showing the process and results, as well as the work of the student or members of the team?	0	1	2	3	4	5
5	How complete are the records in the student/'s log of the project? If a team, do the records show equal contributions to the project?	0	1	2	3	4	5

#### Pre-Judging: Science, Methodology, and Design

1	To what extent is there evidence of creativity in the design of project?	0	1	2	3	4	5
2	How well does the student or team follow scientific procedures in the project?	0	1	2	3	4	5
3	Does the hypothesis clearly state the goals of the project?	0	1	2	3	4	5
4	How complete is the data and presentation of the data?	0	1	2	3	4	5
5	To what extent is there evidence of careful thinking in analysis of data?	0	1	2	3	4	5

Subtotal for Pre-Judging Items:

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Judge's Comments

Initial

\_\_\_\_\_

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**Contest: Display**

1	To what extent is the overall appearance of the display presentation aesthetically appropriate and pleasing?	0	1	2	3	4	5
2	How well does the display show the primary goals of the research?	0	1	2	3	4	5
3	How well does the display show the procedures used in the project?	0	1	2	3	4	5
4	How well does the display show the results and conclusions drawn from the experiment?	0	1	2	3	4	5
5	How well does the student use visuals, titles, etc. to grab the attention of the viewer?	0	1	2	3	4	5

**Contest: Presentation and Interview**

1	How well did the student or team explain the hypothesis and what was attempted?	0	1	2	3	4	5
2	How well did the student or team explain the procedures used in the experiment?	0	1	2	3	4	5
3	Was the student or team able to draw relevant conclusions as a result of the experiment and explain these to the judges?	0	1	2	3	4	5
4	How well did the student/team's presentation and answers to questions show ownership of the project from beginning to end?	0	1	2	3	4	5

**Subtotal for Subjective Items:**

**Contest: Required Items:**

Circle 0 or 1 in the columns to the right of the item to indicate whether or not the project complies with requirements. (1 = Yes; 0 = No) **NO YES**

1	Display board is no larger than 4' x 4'.	0	1
2	Display board is free standing.	0	1
3	The procedure is replicable - one can know what was done by examining entire project.	0	1
4	The procedure is designed to test the hypothesis. (i.e. Has controls, appropriate measurements, attention to variables)	0	1

**Subtotal for Required Items:**

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Judge's Comments

Initial \_\_\_\_\_

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