Student Number _____ (Assigned) **Academic Rodeo Science Fair Project Evaluation**

Science Fair Model or Demo Project Evaluation

Level: E MS HS **Total Score**

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 journal includes a research section about the scientific principal demonstrated or scientific item represented in the model.	0	1
	Subtotal for Required Items:		

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: Journal and Research							
1	To what extent has the research section given adequate background information about the scientific principal and information about how the principal is seen in nature?	0	1	2	3	4	5
2	To what degree has the student explained varying opinions or theories regarding the nature of the principle demonstrated or modeled?	0	1	2	3	4	5
3	Does the journal and its research section indicate the student's attempt to understand the scientific principle and relate it in a way that can be easily understood by others?	0	1	2	3	4	5
4	How well does the student show resources used and document their use?	0	1	2	3	4	5
5	How well does the student present observations and results from project?	0	1	2	3	4	5
6	How effective are the charts, graphs, and tables showing the process and results?	0	1	2	3	4	5
7	How complete are the records in the student's log of the project?	0	1	2	3	4	5
	Subtotal for Pre-Judging Items:						
Contest: Science, Methodology, and Design							
1	To what extent does the project show creative ability & originality in the presentation of the principle or item in the materials used to represent or create a model of the scientific principle?	0	1	2	3	4	5
Scientific Thought:							
1	What is the degree of accuracy in the demonstration or modeling of the scientific facts?	0	1	2	3	4	5
2	How comfortable is the student in discussing the science behind the project?	0	1	2	3	4	5
Thoroughness:							
1	How well does the project explain the hows and whys of the principle ?	0	1	2	3	4	5
2	How completely was the principle covered?	0	1	2	3	4	5
3	Does the quality of the project indicate thoroughness in time utilized?	0	1	2	3	4	5
Skill							
1	Does the student/team demonstrate laboratory and observational skills?	0	1	2	3	4	5
2	What is the extent of independent work including acquiring of equipment?	0	1	2	3	4	5
Clarity							
1	How clearly does the student discuss his/her project?	0	1	2	3	4	5
2	Are any important phases of the principle presented in an orderly manner?	0	1	2	3	4	5
3	To what extent does the project display/explain the project?	0	1	2	3	4	5
	Subtotal for Subjective Items:						