

JUDGING RUBRIC

MARSEF 2009

Creative Ability		Score	Comments
Does the project show creative ability and originality in:	The question asked?	0 1 2 3 4 5	
	Approach to solving the problem?	0 1 2 3 4 5 6 7 8 9 10	
	The analysis of the data?	0 1 2 3 4 5	
	The interpretation of the data	0 1 2 3 4 5	
Is the display creative and pleasing to look at?	0 1 2 3 4 5		
TOTAL POINTS:		/ 30	

Scientific Thought		Score	Comments
Has the student followed the scientific method?	Problem / Question	0 1 2	
	Hypothesis	0 1 2	
	Methods & Data	0 1 2 3	
	Conclusion	0 1 2 3	
What were the methods used to solve the problem? Were they followed?		0 1 2 3	
Are the variables recognizable and clearly defined?		0 1 2 3 4 5	
Are appropriate statistical methods used to analyze the data?		0 1 2 3 4 5	
Is there enough data to support conclusions?		0 1 2 3 4 5	
Does the student understand his/her projects tie to related research?		0 1 2	
TOTAL POINTS:		/ 30	

Thoroughness		Score	Comments
Does the project carry out its original purpose to completion?		0 1 2 3	
Are the conclusions based on a single experiment or on replication?		0 1 2	
Are the project notes complete?		0 1 2 3	
Is the student aware of other approaches or theories?		0 1 2	
How much time did the student spend on the project?		0 1 2	
Is the student familiar with scientific literature in the studied fields?		0 1 2 3	
TOTAL POINTS:		___ / 15	

Skill		Score	Comments
Does the student have the skills required to do the necessary work? Ex: laboratory, computation, observations, design skills?		0 1 2 3 4	
Is the student able to respond to oral questioning? (Nervousness is Okay!)		0 1 2 3 4 5 6	
Is the display prepared by the student and does it reflect his/her understanding?		0 1 2 3	
Was assistance received? (By all means, we hope the student received some help. However, the project should reflect his/her own work.)		0 1 2	
TOTAL POINTS:		___ / 15	

Clarity		Score	Comments
Can the student clearly explain the purpose, procedure, and conclusion of his/her project?		0 1 2 3	
Are the important concepts of the project presented in an orderly manner?		0 1 2 3	
Is the display uncluttered and balanced visually?		0 1 2	
Do the backboard and table displays meld together?		0 1 2	
TOTAL POINTS:		___ / 10	

Project # _____

TOTAL SCORE: _____

Creative Ability: _____
Scientific Thought: _____
Thoroughness: _____
Skill: _____
Clarity: _____