

JUDGES EVALUATION FORM

MARS ROVER CELEBRATION

JUDGE NO			TABLE NO		
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

BARCODE

Grade: Elementary Middle

School Name: _____

Rover Name: _____

Category: Freeform Radio Solar

EVALUATION AREAS

No Show

Scale: 1 to 5 - Higher Score Desirable
Please use the Judges Scoring Rubric for assigning points

A **Clearly stated mission goals / purpose(s)**
valid science objective - appropriate site selection - knowledge of Mars - investigation strategy

	1	2	3	4	5
1. To what extent did the mission plan reflect appropriate knowledge of Mars?	<input type="radio"/>				
2. To what extent did the presenter(s) reflect appropriate understanding of our knowledge of Mars in their mission plan?	<input type="radio"/>				

B **Carefully designed source of power and control features**
remote control vs. automation - measurements to take - communication lag time

	1	2	3	4	5
3. To what extent did the model reflect appropriate knowledge of space science/technology?	<input type="radio"/>				
4. To what extent did the presenter(s) reflect appropriate knowledge of space science/technology?	<input type="radio"/>				

Please Continue
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C Features adapted to function in harsh conditions
enough power for the job - survive the brutal Mars weather - rover abilities suitable for terrain of selected site

1 2 3 4 5

5. To what extent did the Mars Rover model's design adapt to the physical characteristics of Mars?

D Clever / creative task features to accomplish mission
tools to fit the job - innovative science feature design - knowledge and application of space technologies

1 2 3 4 5

6. To what extent did the Mars Rover model's design fit the mission goals and objectives?

E Clearly written documentation - Rover Guide booklet
booklet complete - well organized - reflects knowledge of Mars, mission, and model

1 2 3 4 5

7. To what extent did the booklet reflect appropriate knowledge of Mars?

8. To what extent did the booklet reflect appropriate knowledge of space science/technology?

9. To what extent was the booklet coherent, organized and well written?

10. (FOR TEAMS) To what extent is the contribution of each team member documented?

F Quality workmanship reflected in the Rover model
cost limit not exceeded - resourceful use of existing materials - constructed with care - looks good

1 2 3 4 5

11. To what extent was the model visually appealing?

12. To what extent was the model constructed with care and good workmanship?

G Organized, well rehearsed presentation
informative - creative - consistent with documentation - well prepared - coherent articulate - could answer questions - entertaining

1 2 3 4 5

13. To what extent was the oral presentation organized and coherent?

14. To what extent was the oral presentation well rehearsed and prepared?

15. (FOR TEAMS) To what extent did each team member contribute to the oral presentation?

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