EVALUATION AREAS

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. To what extent did the mission plan reflect appropriate knowledge of Mars? 1 2 3 4 5
   2. To what extent did the presenter(s) reflect appropriate understanding of our knowledge of Mars in their mission plan? 1 2 3 4 5

B. Carefully designed source of power and control features
   remote control vs. automation - measurements to take - communication lag time
   3. To what extent did the model reflect appropriate knowledge of space science/technology? 1 2 3 4 5
   4. To what extent did the presenter(s) reflect appropriate knowledge of space science/technology? 1 2 3 4 5

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### 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

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

![Rating Scale]

### Clever / creative task features to accomplish mission

- tools to fit the job
- innovative science feature design
- knowledge and application of space technologies

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

![Rating Scale]

### Clearly written documentation - Rover Guide booklet

- booklet complete
- well organized
- reflects knowledge of Mars, mission, and model

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

![Rating Scale]

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

![Rating Scale]

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

![Rating Scale]

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

![Rating Scale]

### Quality workmanship reflected in the Rover model

- cost limit not exceeded
- resourceful use of existing materials
- constructed with care
- looks good

11. To what extent was the model visually appealing?  

![Rating Scale]

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

![Rating Scale]

### Organized, well rehearsed presentation

- informative
- creative
- consistent with documentation
- well prepared
- coherent articulate
- could answer questions
- entertaining

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

![Rating Scale]

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

![Rating Scale]

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

![Rating Scale]