Guide for Judging

Rover

Scoring for each evaluation area is based on:

Clearly stated mission goals / purpose(s)   (2 – 10 pts)
- To what extent did the mission plan reflect appropriate knowledge of Mars?
- To what extent did the presenter(s) reflect appropriate understanding of our knowledge of Mars in their mission plan?

Carefully designed source of power and control features   (1 -5 pts)
- To what extent did the model reflect appropriate knowledge of space science/technology?
- To what extent did the presenter(s) reflect appropriate knowledge of space science/technology?

Features adapted to function in harsh conditions   (1 – 5 pts)
- To what extent did the Mars Rover model's design adapt to the physical characteristics of Mars?

Clever /creative task features to accomplish mission   (1 – 5 pts)
- To what extent did the Mars Rover model's design fit the mission goals and objectives?

Clearly written documentation - Rover Guide booklet   (2 – 10 pts)
- To what extent did the booklet reflect appropriate knowledge of Mars?
- To what extent did the booklet reflect appropriate knowledge of space science/technology?
- To what extent was the booklet coherent, organized and well written?
- (FOR TEAMS) To what extent is the contribution of each team member documented?

Quality workmanship reflected in the rover model   (2 – 10 pts)
- To what extent was the model visually appealing?
- To what extent was the model constructed with care and good workmanship?

Organized and well-rehearsed presentation   (2 – 10 pts)
- To what extent was the oral presentation organized and coherent?
- To what extent was the oral presentation well rehearsed and prepared?
- (FOR TEAMS) To what extent did each team member contribute to the oral presentation?

Habitation

Scoring for each evaluation area is based on:

Clearly stated mission goals / purpose(s)   (2 – 10 pts)
- To what extent did the mission plan reflect appropriate knowledge of Mars?
- To what extent did the presenter(s) reflect appropriate understanding of our knowledge of Mars in their mission plan?

Carefully designed source of power and control features   (1 -5 pts)
- To what extent did the model reflect appropriate knowledge of space science/technology?
- To what extent did the presenter(s) reflect appropriate knowledge of space science/technology?

Features adapted to function in harsh conditions   (1 – 5 pts)
- To what extent did the Mars Rover model's design adapt to the physical characteristics of Mars?

Clever /creative task features to accomplish mission   (1 – 5 pts)
- To what extent did the Mars Rover model's design fit the mission goals and objectives?

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- To what extent did the booklet reflect appropriate knowledge of Mars?
- To what extent did the booklet reflect appropriate knowledge of space science/technology?
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- To what extent was the oral presentation organized and coherent?
- To what extent was the oral presentation well rehearsed and prepared?
- (FOR TEAMS) To what extent did each team member contribute to the oral presentation?