

## Mars Habitation Celebration Judges Rubric

<b>Clearly stated mission goals/purpose(s) (Category is 20% of group score)</b>					
SCORE	<i>To what extent did the community reflect appropriate knowledge of Mars?</i>				
	<b>All or almost all</b> the Mars knowledge conveyed in the community guide was <b>inaccurate/unclear</b> .	<b>Most</b> of the Mars knowledge conveyed in the community guide was <b>inaccurate/unclear</b> .	There was an <b>even mix of clear/accurate and unclear/inaccurate</b> knowledge of Mars conveyed in the community guide.	<b>Most</b> of the Mars knowledge conveyed in the community guide was <b>accurate/clear</b> .	<b>All or almost all</b> of the Mars knowledge conveyed in the community guide was <b>accurate/clear</b> .
	<b>2 points</b>	<b>4 points</b>	<b>6 points</b>	<b>8 points</b>	<b>10 points</b>
	<i>To what extent did the presenter(s) reflect appropriate understanding of our knowledge of Mars in their mission plan?</i>				
	<b>All or almost all</b> the Mars knowledge conveyed in the presentation was <b>inaccurate/unclear</b> .	<b>Most</b> of the Mars knowledge conveyed in the presentation was <b>inaccurate/unclear</b> .	There was an <b>even mix of clear/accurate and unclear/inaccurate</b> knowledge of Mars conveyed in the presentation.	<b>Most</b> of the Mars knowledge conveyed in the presentation was <b>accurate/clear</b> .	<b>All or almost all</b> of the Mars knowledge conveyed in the presentation was <b>accurate/clear</b> .
	<b>2 points</b>	<b>4 points</b>	<b>6 points</b>	<b>8 points</b>	<b>10 points</b>

<b>Clearly stated mission goals/purpose(s) (Category is 20% of group score)</b>					
SCORE	<i>To what extent did the community reflect appropriate knowledge of Mars?</i>				
	<b>All or almost all</b> the Mars knowledge conveyed in the community guide was <b>inaccurate/unclear</b> .	<b>Most</b> of the Mars knowledge conveyed in the community guide was <b>inaccurate/unclear</b> .	There was an <b>even mix of clear/accurate and unclear/inaccurate</b> knowledge of Mars conveyed in the community guide.	<b>Most</b> of the Mars knowledge conveyed in the community guide was <b>accurate/clear</b> .	<b>All or almost all</b> of the Mars knowledge conveyed in the community guide was <b>accurate/clear</b> .
	<b>2 points</b>	<b>4 points</b>	<b>6 points</b>	<b>8 points</b>	<b>10 points</b>
	<i>To what extent did the presenter(s) reflect appropriate understanding of our knowledge of Mars in their mission plan?</i>				
	<b>All or almost all</b> the Mars knowledge conveyed in the presentation was <b>inaccurate/unclear</b> .	<b>Most</b> of the Mars knowledge conveyed in the presentation was <b>inaccurate/unclear</b> .	There was an <b>even mix of clear/accurate and unclear/inaccurate</b> knowledge of Mars conveyed in the presentation.	<b>Most</b> of the Mars knowledge conveyed in the presentation was <b>accurate/clear</b> .	<b>All or almost all</b> of the Mars knowledge conveyed in the presentation was <b>accurate/clear</b> .
	<b>2 points</b>	<b>4 points</b>	<b>6 points</b>	<b>8 points</b>	<b>10 points</b>

<b>Features adapted to function in harsh conditions (Category is 10% of group score)</b>					
SCORE	<i>To what extent did the community's design adapt to the physical characteristics of Mars?</i>				
	<b>None</b> of the components of the community's design reflected appropriate environmental adaptations.	<b>A few</b> of the components of the community's design reflected appropriate environmental adaptations.	<b>Some</b> of the components of the community's design reflected appropriate environmental adaptations.	<b>Most</b> of the components of the community's design reflected appropriate environmental adaptations.	<b>All</b> of the components of the community's design reflected appropriate environmental adaptations.
	<b>2 points</b>	<b>4 points</b>	<b>6 points</b>	<b>8 points</b>	<b>10 points</b>

Clever/creative task features to accomplish mission (Category is 10% of group score)					
SCORE	<i>To what extent did the community's design fit the mission goals and objectives?</i>				
	<b>None</b> of the community's design features fit the mission's goals & objectives.	<b>A few</b> of the community's design features fit the mission's goals & objectives.	<b>Some</b> of the community's design features fit the mission's goals and objectives.	<b>Most</b> of the community's design features fit the mission's goals & objectives.	<b>All</b> of the community's design features fit the mission's goals & objectives.
	<b>2 points</b>	<b>4 points</b>	<b>6 points</b>	<b>8 points</b>	<b>10 points</b>

Clear Communications - Community Guide Form & Presentation (Category is 20% of group score)					
SCORE	<i>To what extent was the form coherent, organized and well written?</i>				
	<b>Extremely unorganized, incoherent and very poorly written.</b>	<b>Somewhat unorganized, incoherent and poorly written.</b>	<b>An even mix of organized/unorganized, coherent/incoherent, and well and poorly written.</b>	<b>Somewhat organized, coherent and well written.</b>	<b>Extremely well organized, coherent and well written.</b>
	<b>1 points</b>	<b>2 points</b>	<b>3 points</b>	<b>4 points</b>	<b>5 points</b>
	<i>To what extent was the oral presentation organized and coherent?</i>				
	<b>Extremely unorganized and incoherent.</b>	<b>Somewhat unorganized and incoherent.</b>	<b>An even mix of organized/unorganized and coherent/incoherent.</b>	<b>Somewhat organized and coherent.</b>	<b>Extremely organized and coherent.</b>
	<b>1 points</b>	<b>2 points</b>	<b>3 points</b>	<b>4 points</b>	<b>5 points</b>
	<i>To what extent was the oral presentation well-rehearsed and prepared?</i>				
	<b>The presentation was extremely choppy.</b>	<b>The presentation was somewhat choppy.</b>	<b>The presentation was an even mix of smooth and choppy.</b>	<b>The presentation was somewhat smooth.</b>	<b>The presentation was extremely smooth.</b>
	<b>1 points</b>	<b>2 points</b>	<b>3 points</b>	<b>4 points</b>	<b>5 points</b>
	<i>For TEAMS: To what extent is the contribution of each team member documented?</i>				
	The contribution of the team members was <b>completely undocumented.</b>		The contribution of the team members was <b>partially</b> documented.		The contribution of the team members was <b>thoroughly</b> documented.
	<b>1 points</b>	<b>2 points</b>	<b>3 points</b>	<b>4 points</b>	<b>5 points</b>

## Mars Habitation Celebration Judges Rubric

### Book Scores

Group score will be calculated by averaging the individual scores of each book.

<b>Book Requirements (Category is 20% of Individual Book score)</b>					
<b>SCORE</b>	<i>Does the cover contain the necessary information (title, neatly drawn and colored picture, author's name, and community/project name)?</i>				
	No book was turned in.	All or almost all of the information is <b>missing</b> on the cover.	Most of the information is <b>missing</b> on the cover.	Most of the information is on the cover.	All or almost all of the information is on the cover.
	<b>0 points</b>	<b>.5 points</b>	<b>1 point</b>	<b>1.5 points</b>	<b>2 points</b>
	<i>Is the book illustrated and at least 8 pages?</i>				
	No book was turned in.	The book is <b>not illustrated</b> and <b>not at least 8 pages</b> .	The book is <b>mostly not illustrated</b> and <b>not at least 8 pages</b> .	The book is <b>mostly illustrated</b> and <b>at least 8 pages</b> .	The book is <b>illustrated</b> and <b>at least 8 pages</b> .
	<b>0 points</b>	<b>.5 points</b>	<b>1 point</b>	<b>1.5 points</b>	<b>2 points</b>

<b>Creativity (Category is 20% of Individual Book score)</b>					
<b>SCORE</b>	<i>How original and innovative is the story?</i>				
	No book was turned in.	All or almost all of the story is <b>not original</b> and <b>does not</b> show creativity.	Most of the story is <b>not original</b> and <b>does not</b> show creativity.	Most of the story is <b>original</b> and <b>shows creativity</b> .	All or almost all of the story is <b>original</b> and <b>shows creativity</b> .
	<b>0 points</b>	<b>.5 points</b>	<b>1 points</b>	<b>1.5 points</b>	<b>2 points</b>
	<i>To what extent does the book reflect appropriate knowledge of Mars?</i>				
	No book was turned in.	All or almost all of the Mars knowledge conveyed in the presentation was <b>inaccurate/unclear</b> .	Most of the Mars knowledge conveyed in the presentation was <b>inaccurate/unclear</b> .	Most of the Mars knowledge conveyed in the presentation was <b>accurate/clear</b> .	All or almost all of the Mars knowledge conveyed in the presentation was <b>accurate/clear</b> .
	<b>0 points</b>	<b>.5 points</b>	<b>1 points</b>	<b>1.5 points</b>	<b>2 points</b>

## Mars Habitation Celebration Judges Rubric

### Book Scores

Group score will be calculated by averaging the individual scores of each book.

<b>Grammar (Category is 20% of Individual Book score)</b>					
<b>SCORE</b>	<i>Was there an effort made in correct punctuation, capitalization, grammar, etc.?</i>				
	No book was turned in.	All or almost all of the book has <b>no effort</b> in punctuation, capitalization, grammar, etc.	Most of the book <b>does not</b> show some effort in punctuation, capitalization, grammar, etc.	Most of the book shows effort in punctuation, capitalization, grammar, etc.	All or almost all of the book shows effort in punctuation, capitalization, grammar, etc.
	<b>0 points</b>	<b>.5 points</b>	<b>1 points</b>	<b>1.5 points</b>	<b>2 points</b>
	<i>Does the book contain a rich variety in sentence structure and length?</i>				
	No book was turned in.	All or almost all of the book <b>does not</b> contain a variety of sentence structure and length.	Most of the book <b>does not</b> contain a variety of sentence structure and length.	Most of the book contains a variety of sentence structure and length.	All or almost all of the book contains a variety of sentence structure and length.
	<b>0 points</b>	<b>.5 points</b>	<b>1 points</b>	<b>1.5 points</b>	<b>2 points</b>

<b>Story (Category is 20% of Individual Book score)</b>					
<b>SCORE</b>	<i>Is there indication of deep level thinking?</i>				
	No book was turned in.	All or almost all of the book <b>does not contain</b> the appropriate indication of deep level thinking.	Most of the book <b>does not contain</b> the appropriate indication of deep level thinking.	Most of the book <b>contains</b> the appropriate indication of deep level thinking .	All or almost all of the book <b>contain</b> the appropriate indication of deep level thinking.
	<b>0 points</b>	<b>.5 points</b>	<b>1 points</b>	<b>1.5 points</b>	<b>2 points</b>
	<i>Does the book flow and make sense?</i>				
	No book was turned in.	<b>Extremely unorganized, incoherent and very poorly written.</b>	<b>Somewhat unorganized, incoherent and poorly written.</b>	<b>Somewhat organized, coherent and well written.</b>	<b>Extremely well organized, coherent and well written.</b>
	<b>0 points</b>	<b>.5 points</b>	<b>1 points</b>	<b>1.5 points</b>	<b>2 points</b>

**Book Scores**

Group score will be calculated by averaging the individual scores of each book.

<b>Illustrations (Category is 20% of Individual Book score)</b>					
<b>SCORE</b>	<i>Is the book visually appealing?</i>				
	No book was turned in.	Very visually unappealing.	Somewhat visually unappealing.	Somewhat visually appealing.	Very visually appealing.
	0 points	.5 points	1 points	1.5 points	2 points
	<i>Were the illustrations and drawings made with care, deliberation, and effort?</i>				
	No book was turned in.	Very poor workmanship and no attention to detail.	Somewhat poor workmanship and very little attention to detail.	Somewhat good workmanship and attention to detail.	Very good workmanship and attention to detail.
	0 points	.5 points	1 points	1.5 points	2 points

**Group and Individual Book Score Summary**

<b>Group Score Summary</b>	<b>Score</b>
Clearly stated mission goals/purpose(s)	20
Carefully designed community and cultural elements	20
Features adapted to function in harsh conditions	10
Clever/creative task features to accomplish mission	10
Clear communications - community guide form & presentation	20
Individual books (average score for all team)	20
<b>Total</b>	<b>100</b>

<b>Individual Book Score</b>	<b>Score</b>
Book requirements	4
Creativity	4
Grammar	4
Story	4
Illustrations	4
<b>Total</b>	<b>20</b>