

## Solar System Travel Package Brochure Rubric

### Planet:

<b>Explanation of how planet was named</b>	
1. Which Greek/Roman god	0 1 2
2. Why planet may have been named after this god	
<b>Pictures</b>	
1. One student created picture	0 2 4
2. Second picture	
<b>Planetary Size</b>	
1. Equatorial circumference (km)	0 2 4
2. Comparison with Earth's circumference	
<b>Surface Exploration</b>	
1. Is surface exploration possible?	0 2 4
2. Explanation why surface exploration is/isn't possible	
<b>Atmospheric Composition</b>	
1. Does planet have atmosphere	0 2 4
2. Which gases are in the atmosphere?	
<b>Notable Features</b>	
1. Presence of water or ice	0 2 4 6
2. Geographical features (mountains, plains, craters, etc)	
3. Other features	
<b>Temperatures</b>	
1. Maximum and Minimum (Celsius or Kelvin)	0 2 4
2. Or average	
<b>Satellites</b>	
1. Number of moons	0 2 4
2. Name of largest moon	
<b>NASA Exploration</b>	
1. Indicate the number of missions to this planet	0 2 4
2. Name and describe the last mission	
<b>Rotation and Revolution</b>	
1. How long is a day on this planet (in Earth time)?	0 2 4
2. How long is a year on this planet (in Earth time)?	
<b>Travel Time</b>	
1. Travel time from sun to planet in <b>minutes</b> if traveling at speed of light (speed of light = $3 \times 10^8$ m/s)	0 2
<b>Total for This Planet</b>	

## Other

<b>Spacecraft</b>	
1. Diagram	0 3 6 9 12 15
2. Composition of spacecraft	
3. Protective equipment	
4. Fastest speed	
5. Form of energy	
<b>Bibliography</b>	
1. Written in correct format	0 6 9 12 15 18
2. 3 online sources	
3. 3 book/periodical sources	
<b>Neatness and Creativity</b>	
1. No stray marks, erasures, pages stuck together, excess glue	0 3 6 9
2. Any pasted material is cut out neatly	
3. Colorful	
<b>Total Other</b>	
<b>Total for All Planets</b>	
<b>Total Entire Brochure</b>	