You’ve researched the solar system and selected a destination that’s out of this world! Now it’s time to convince cosmic travelers that your planet is the best there is. Your goal is to create a travel brochure that shows you know your stuff about your planet! Pick a trip theme based on something you like to do. Whether it’s music or extreme sports, use the conditions on your planet as the setting for this trip of a lifetime.

What’s included in the final packet you turn in...

- A pleasing tri-fold trip brochure that includes at least one hand drawn graphic and legible text. The brochure will include at least what’s listed on the back of this sheet.
- Background Research assignments (10 pts each = 40 pts):
  - #1 - Space Weather video guide
  - #2 - Jovian vs. Terrestrial planets textbook class research (using Cornell Notes)
  - #3 – All Planets conditions textbook class research (Cornell Notes format)
  - #4 – Any additional research you do at home/ library (using Cornell Notes)
- Show work for Travel calculations using space shuttle speed for trip travel time (5 pts)
- Instructions, rubric, planning sheet (5 pts)

My planet is ______________________________________________________________
My theme is ______________________________________________________________
List your crew members by job assignment here:

How many people will you take on your trip? __________
How many days it take to get there from Earth? ____________ (show work on back)
How long they will stay? ____________
Your brochure must include information on the planet’s conditions and the trip. Be sure to use your creativity to showcase your trip, and remember, there are some things that you can draw (instead of write about!) to include the required parts in your brochure. Just make sure the brochure includes at least the following:

<table>
<thead>
<tr>
<th>Conditions that affect the trip (15 pts)</th>
<th>Trip Details (15 pts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Planet name</td>
<td>□ Travel dates (departure and arrival)</td>
</tr>
<tr>
<td>□ A picture of the planet</td>
<td>□ Return travel dates (departure and arrival)</td>
</tr>
<tr>
<td>□ Type of planet</td>
<td>□ Earth departure location</td>
</tr>
<tr>
<td>□ Moons associated with the planet</td>
<td>□ Accommodations your guests can expect while traveling and when they get there.</td>
</tr>
<tr>
<td>□ Surface features of the planet</td>
<td>□ What your guests will do while they travel to the planet, based on the travel time</td>
</tr>
<tr>
<td>□ Composition of the atmosphere</td>
<td>□ they calculated.</td>
</tr>
<tr>
<td>□ Temperature range on the planet</td>
<td>□ What they will do when they get there based on how long they will stay.</td>
</tr>
<tr>
<td>□ Day length on the planet</td>
<td>□ What special equipment they will need to survive on the planet based on the</td>
</tr>
<tr>
<td>□ Year length on the planet</td>
<td>□ conditions of the atmosphere, the planet surface, the weather, etc….</td>
</tr>
<tr>
<td>□ Distance to planet from Earth</td>
<td>□ What they should bring with them.</td>
</tr>
<tr>
<td>□ Realistic travel vehicle</td>
<td>□ What the tour company will provide</td>
</tr>
<tr>
<td>□ Amount of time required to travel to the planet using a realistic speed.</td>
<td>□ The cost of your trip.</td>
</tr>
<tr>
<td>□ Special features of your planet that make it special or better than any</td>
<td>□ Any other things that will make your trip brochure stimulating for travel!</td>
</tr>
<tr>
<td>other planet as a destination (like Jupiter’s Red Spot or Saturn’s rings).</td>
<td>□ Other?</td>
</tr>
</tbody>
</table>
SOLAR SYSTEM
TRAVEL BROCHURE
... 5-4-3-2-1 LIFT-OFF!

Some planning space

☐ Planet name ____________________________

☐ Type of planet ____________________________

☐ Is surface gas or solid? ____________________________

☐ What special equipment is needed because of the surface?

☐ Key surface features of planet for your drawing of the planet

☐ # Moons ___________ and names (just need names for up to 4 of them!)

☐ Composition of the atmosphere ____________________________

☐ Is the atmosphere suitable for life? ________ If not, what equipment must be provided?

☐ Special conditions on your planet (like Jupiter’s Red Spot or Saturn’s rings).
☐ Temperature range on the planet (with units) ___________________________

☐ What special equipment will the temperature range require?

☐ Day length on the planet (with units) ________________________________

☐ Year length on the planet (with units) ________________________________

☐ Distance (with units) to planet from Earth (show work) ______________

☐ Realistic travel vehicle and speed (with units) _______________________

☐ Travel time to planet from Earth based on speed (show work) _________

☐ Travel departure and arrival dates/times ______________________________

☐ Return trip departure and arrival dates/times __________________________

☐ What should they bring?

☐ What will you supply?

☐ What will make your trip worth taking?