**SOLAR SYSTEM BLUEPRINT**

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Your space research group (SRG) has been given the mission to create a blueprint of our solar system based on data collected and shared through NASA. Each SRG’s blueprint will be judged in terms of accuracy and detail. Determine and utilize the individual strengths of your SRG to make the superior blueprint.

Use the REVERSE SIDE of this form to brainstorm with your SRG. Learn their skills.

***Good luck on your mission.***

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BLUEPRINT NON-NEGOTIABLES:

1. ALL research must come from:

 

1. DISTANCE SCALE: 1 AU (Astronomical Unit) = 1 cm
2. ALL distances are to be measured in AU. (This message will repeat: ALL distances are measured in AU.)

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THE JUDGING PANEL HAS A MINIMUM REQUIREMENT FOR THE BLUEPRINT.

\_\_\_\_\_Measure each planet’s distance from the sun

\_\_\_\_\_Describe each planet’s surface conditions

\_\_\_\_\_Describe each planet’s atmospheric conditions

\_\_\_\_\_Represent the number of moons orbiting each planet

\_\_\_\_\_Represent which planets have rings

\_\_\_\_\_Represent each planet’s relative size

\_\_\_\_\_Measure the Main Asteroid Belt’s distance from the sun

\_\_\_\_\_Measure the Kuiper Belt’s distance from the sun

\_\_\_\_\_Represent each planet’s axial tilt and seasons experienced

\_\_\_\_\_Describe rotation direction and speed

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…REVERSE SIDE…NOTES…