Unit 1 Name:

Date:

1-3: Solar System Guide

Discover: Solar System Guide

Question

Can you take someone on a tour of our solar system?

Instructions

1. Imagine you are a tour guide developing a visitor’s guide to our solar system.

The visitor guide should

* identify and describe each of the planets in the solar system. In your description be sure to explain how the characteristics and surface conditions of the planets are different than Earth.
* show where each planet is located in the solar system
* choose 2 moons of planets other than Earth and identify the similarities and differences of the characteristics of those moons with Earth’s Moon
* offer 1 interesting fact or detail about each planet in the solar system

You should include appropriate images.

You may choose any of the following formats for your Solar System Guide:

* brochure or pamphlet
* PowerPoint presentation
* Map or diorama with written explanation and/or chart

Remember to read the Solar System Guide Rubric before you begin so that you understand clearly the expectations of this activity.

**Solar System Guide Rubric**

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| --- | --- | --- | --- | --- |
|  | **Excellent** **5** | **Proficient** **4** | **Satisfactory****3** | **Limited** **2** |
| Content/15 | * I provided *comprehensive* and *engaging* descriptions of 8 planets and how they compare to Earth.
* I located 8 planets in our solar system *accurately*.
* I identified *insightful* similarities and differences of the characteristics of two planetary moons with Earth’s Moon.
 | * I provided *thoughtful* and *relevant* descriptions of 8 planets and how they compare to Earth.
* I located 8 planets in our solar system *logically*.
* I identified *logical* similarities and differences of the characteristics of two planetary moons with Earth’s Moon.
 | * I provided *clear* and *adequate* descriptions of 8 planets and how they compare to Earth.
* I located 8 planets in our solar system *generally*.
* I identified *general* similarities and differences of the characteristics of two planetary moons with Earth’s Moon.
 | * I provided *vague* and *inaccurate* descriptions of 8 planets and how they compare to Earth.
* I located 8 planets in our solar system *inaccurately*.
* I identified *incorrectly* or *vaguely* similarities and differences of the characteristics of two planetary moons with Earth’s Moon.
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| Presentation/5 | * I expressed and organized my visitor’s guide in an *engaging* and *accurate* way.
 | * I expressed and organized my visitor’s guide in a *logical* and *mostly accurate* way.
 | * I expressed and organized my visitor’s guide in an *adequate* and *somewhat accurate* way.
 | * I expressed and organized my visitor’s guide in a *confusing* and/or *inaccurate* way.
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Total: /20 marks