Assessment 11: Solar System and Beyond Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| 1. What are some similarities between the Earth and Mars? |  |
| 1. What does a meteor look like? |  |
| 1. What feature should a planet have if it is to support life? |  |
| 1. What theory explains how the planets in our solar system formed? |  |
| 1. Which scientist discovered the shape of a planet’s orbit? |  |
| 1. Why do we put telescopes in space? |  |
| 1. What is at the center of the geocentric system? |  |
| 1. Where is our solar system located in the Milky Way? |  |
| 1. List the gas giants? |  |
| 1. What are the two pieces of evidence that prove the Big Bang Theory? |  |
| 1. Copernicus explained what model of the solar system? |  |
| 1. What evidence did Galileo discover in support of heliocentrism? |  |
| 1. What two forces keep the planets in orbit? |  |
| 1. What is the difference between a comet and an asteroid? |  |
| 1. What is the shape of most comets’ orbits? |  |
| 1. Where do meteoroids come from? |  |
| 1. What is the purpose of reflecting and refracting telescopes? |  |
| 1. What is the name of the theory used to describe the formation of the Universe? |  |
| 1. How do we study the solar system besides using telescopes? |  |
| 1. Where is the Milky Way in the universe? |  |
| 1. What is gravity? |  |
| 1. What is inertia? |  |