

Name: _____

Test Date: _____

Solar System Study Guide

*You can find the answer key on the LWE4thgraewebsite.weebly.com in the Science - Solar System tab.

1. Name the planets in order from closest to the sun to the furthest.

Pneumonic Device	Planet
My	Mercury
Very	Venus
Excellent	Earth
Mother	Mars
Just	Jupiter
Served	Saturn
Us	Uranus
Nachos	Neptune

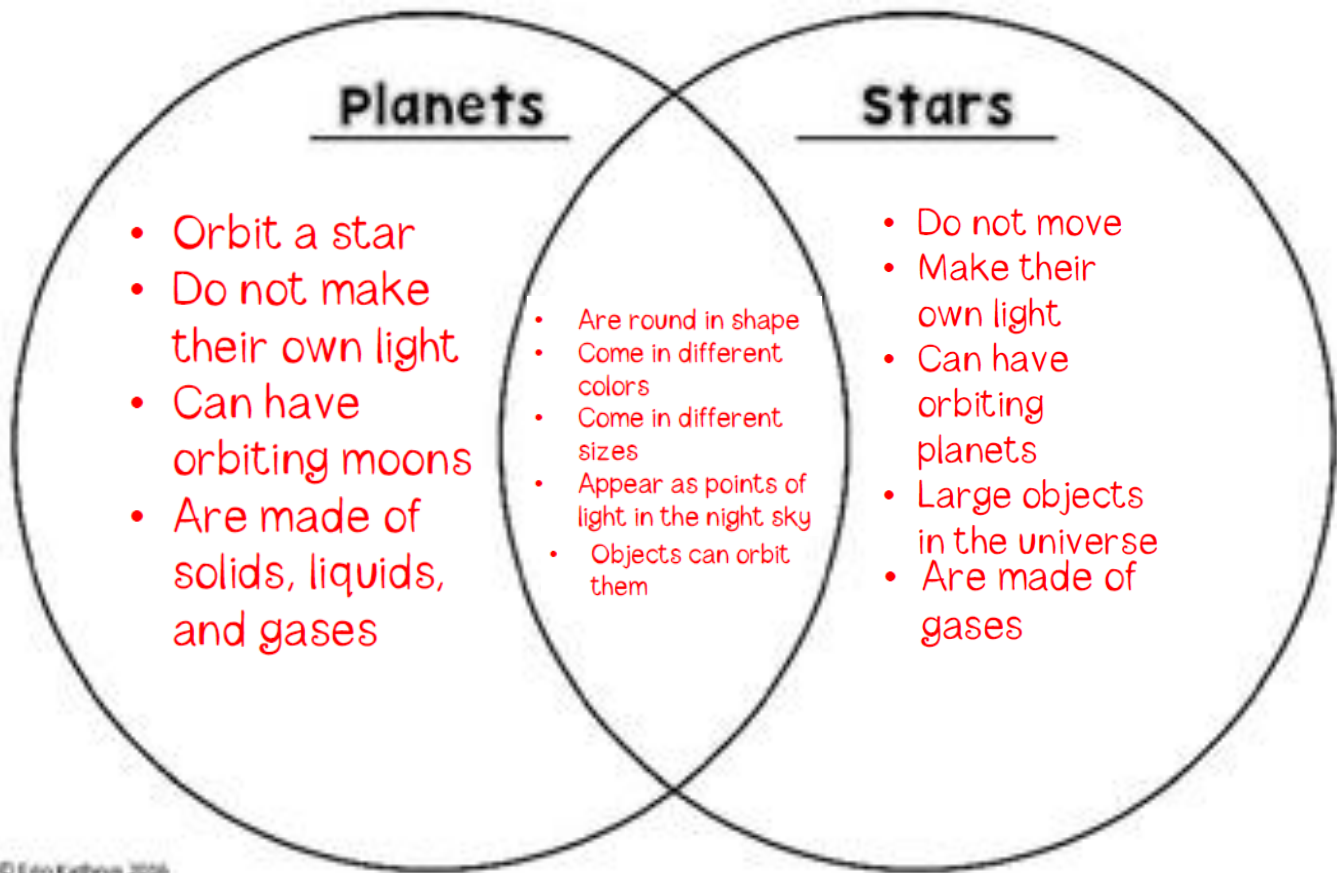
2. The Inner planets are Mercury, Venus, Earth, and Mars.
3. The outer planets are Jupiter, Saturn, Uranus, and Neptune.
4. The **gas giants** are nicknames for the (circle one): inner planets OR outer planets.
5. A star is a burning ball of gas.
6. The hottest temperature star is the color blue. The coolest temperature star is the color red.
7. Stars give off light and heat.
8. The smallest planet is Mercury.
9. The largest planet is Jupiter.

Use the following vocabulary to fill in the blanks below.

space probe	revolution	seasons	axis
space telescope	365 days	24 hours	day and night
rotation			

10. Earth spins on its axis, which is an imaginary line between the North and South poles.
11. The spinning of an object on its axis is called a rotation.
12. One rotation takes 24 hours.
13. A revolution is a complete journey around the sun.
14. The Earth's rotation causes day and night.
15. A space probe is an unpiloted spacecraft that leaves Earth's orbit.
16. It takes the Earth 365 days to go around the sun.
17. A telescope that floats in space, such as the Hubble Telescope, is called a space telescope.
18. The earth's orbit and tilt cause the seasons.

19. List at least 3 similarities and differences between stars and planets.



20. Draw and label each phase.

