

**Vocabulary Definitions**

magnify	to make an object appear _____
telescope	a tool that makes _____ objects appear larger, brighter, and sharper
moon	a small, rounded body in _____ around a _____
inner planets	the _____ planets _____ to the Sun - Mercury, Venus, Earth, and Mars
outer planets	the _____ planets _____ from the Sun - Jupiter, Saturn, Uranus, and Neptune
Sun	the nearest _____ to Earth
solar system	the _____, _____, _____, and other objects that orbit the Sun
space probe	a _____ that helps scientists _____ outer space
gas giant	a very large _____ made up mostly of _____
orbit	to move in a path _____ an object
planet	a large body in space that moves _____ a _____
dwarf planet	an _____ body in the _____ _____ that is much like a planet, but smaller

What are the order of the planets?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

What are 3 factors that make life on Earth possible?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

6. _____ 7. _____ 8. _____	
<p style="text-align: center;"><b>Inner Planets:</b></p> _____ _____ _____ _____	<p style="text-align: center;"><b>Outer Planets:</b></p> _____ _____ _____ _____

\*\*\*Be sure to know the differences between the planets as they are written in your Solar System booklet.

## Solar System Study Guide

### Vocabulary Definitions

magnify	To make an object appear larger
telescope	A tool that makes distant objects appear larger, brighter, and sharper
moon	A small rounded body that orbits around a planet
inner planets	Small, ball-shaped, solid rocky planets with few moons( Mercury,Venus, Earth, Mars)
outer planets	Large planet made up mostly of gases ( Jupiter, Saturn, Uranus, Neptune)
Sun	The nearest star to Earth
solar system	The Sun, planets and planets,their moons, and other objects that orbit the Sun
space probe	A craft that explores space carrying instruments, not people
gas giant	A very large planet made up mostly of gases
orbit	To move in a path around an object
planets	A large body of rock or gas in space that moves around a star
dwarf planet	A round orbiting body in the solar system that is much like a planet, but smaller

What are the order of the planets?

1. Mercury
2. Venus
3. Earth
4. Mars
5. Jupiter
6. Saturn
7. Uranus
8. Neptune

What are 3 factors that make life on Earth possible?

1. Earth has liquid water.
2. It is just the right distance from the Sun.
3. It is just the right temperature, not too hot and not too cold.

What are the **similarities** between stars and planets?

They both look like points of light in the night sky, can be different sizes and colors, both are in our Solar System

What are the **differences** between stars and planets?

Planets move around stars.  
Stars do not move around planets.  
Stars are made of burning hot gasses.  
Planets can be made of rock or gas.

Be sure to know the differences between the planets as they are written in your Solar System booklet.