Astronomy- Unit 8 – SOLAR SYSTEM NOTES

Our Solar System

|  |  |  |
| --- | --- | --- |
| Which object is the largest: Earth, the sun, the Milky Way Galaxy or a supergiant star? | Where in the Milky Way Galaxy is the solar system found? | A light year is a unit of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |

Includes the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_ planets, their moons, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, comets, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and other smaller objects (like Dwarf Planets).



You’re a Sun! (A Star that is)

It is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (color), \_\_\_\_\_\_\_\_\_\_\_\_\_ (age), \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (size), \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (temperature), \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (brightness)

**PLANETS**

**Inner planets**

1. Also called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ planets
2. \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_ and rocky
3. No \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (yes, they are single)
4. Includes

-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (The Hot one)

- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Earth’s Twin)

-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Might be able to support life)

**Outer Planets**

1. Also called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. All have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. All have at least one \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. (They’re married)
4. Includes
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (BIGGEST)
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Many rings)
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Ice giant)



Review:

Order the planets in order from biggest to smallest:

Order the planets starting from the Sun: