Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Science - Planets Study Guide for Friday’s Test**

**Name the eight planets and one dwarf planet in order from the sun.**

**Learn the spelling of the planets.**

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**Be able to write 5 facts about the sun.**

1. The sun is located in the center of the solar system.
2. Without the sun, there wouldn’t be life on Earth.
3. The sun provides the Earth with light and heat.
4. The sun is a glowing ball of fiery gas.
5. The **part of the sun that we see, the surface,** has a temperature of **10,000 degrees F** (5,600 degrees C). The **core** is **27,000,000 degrees F** (15,000,000 degrees C). Memorize either Fahrenheit or Celsius.
6. More than a million Earths could fit inside the sun.
7. The sun is actually a star—average size star when compared to other stars.
8. It is the only star in our solar system.

**There will be fill-in the blanks and true/false questions.**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ holds our solar system together.

The Earth spins or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on its \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The Earth is spinning many thousands of miles each hour to turn all the way

 around on its axis in one day or \_\_\_\_\_\_\_\_\_\_\_\_\_hours.

One full Earth trip around the sun is called a year or a

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. An Earth year is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ days.

The path the Earth takes around the sun is its \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The moon orbits the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The moon’s period of rotation is the same as its revolution – 27 days.

That’s why we can only see what part of the moon. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the time it takes something to go around

something else.

The distance between the Earth and the sun is about 93 million miles

 (150 million km).

The name of the new exoplanet (planet outside our solar system) is called

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Word Bank** if needed (Words may be used more than once.):

 **revolution, axis, rotates, gravity, orbit, Qatar-1b**