Date: \_\_\_\_\_ Period: \_\_\_\_\_

## Solar System

## Across

5. The Great Red Spot is a giant, spinning storm in Jupiter's atmosphere.

**10.** a large planet of relatively low density consisting predominantly of hydrogen and helium, such as Jupiter, Saturn, Uranus, or Neptune.

12. a celestial object consisting of a nucleus of ice and dust and, when near the sun, a "tail" of gas and dust particles pointing away from the sun

**13.** a planet whose orbit lies outside the asteroid belt, i.e., Jupiter, Saturn, Uranus, or Neptune.

**15.** a celestial body moving in an elliptical orbit around a star.

16. a small body moving in the solar system that would become a meteor if it entered the earth's atmosphere.

17. the curved path of a celestial object or spacecraft around a star. planet, or moon, especially a periodic elliptical revolution.

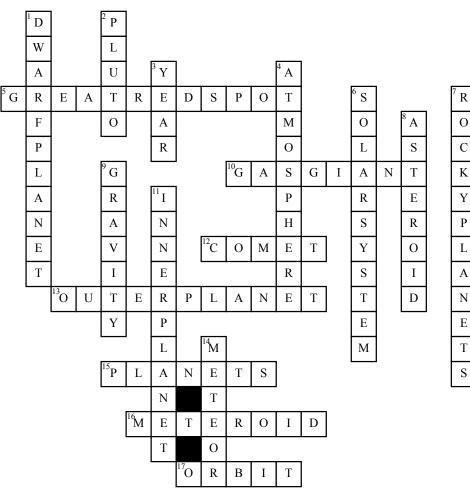
## Down

**1.** a celestial body resembling a small planet but lacking certain technical criteria that are required for it to be classed as such. 2. is a dwarf planet in the Kuiper belt, a ring of bodies beyond Neptune.

**3.** the time taken by a planet to make one revolution around the sun.

4. the envelope of gases surrounding the earth or another planet.

**6.** the collection of eight planets and their moons in orbit around the sun, together with smaller bodies in the form of asteroids, meteoroids, and comets.



7. planet is a planet that is composed primarily of silicate rocks or metals.

**8.** a small rocky body orbiting the sun.

**9.** the force that attracts a body toward the center of the earth, or toward any other physical body having mass.

**11.** a planet whose orbit lies within the asteroid belt, i.e., Mercury, Venus, Earth, or Mars.

**14.** noun: meteor; plural noun: meteors a small body of matter from outer space that enters the earth's atmosphere, becoming incandescent as a result of friction and appearing as a streak of light

