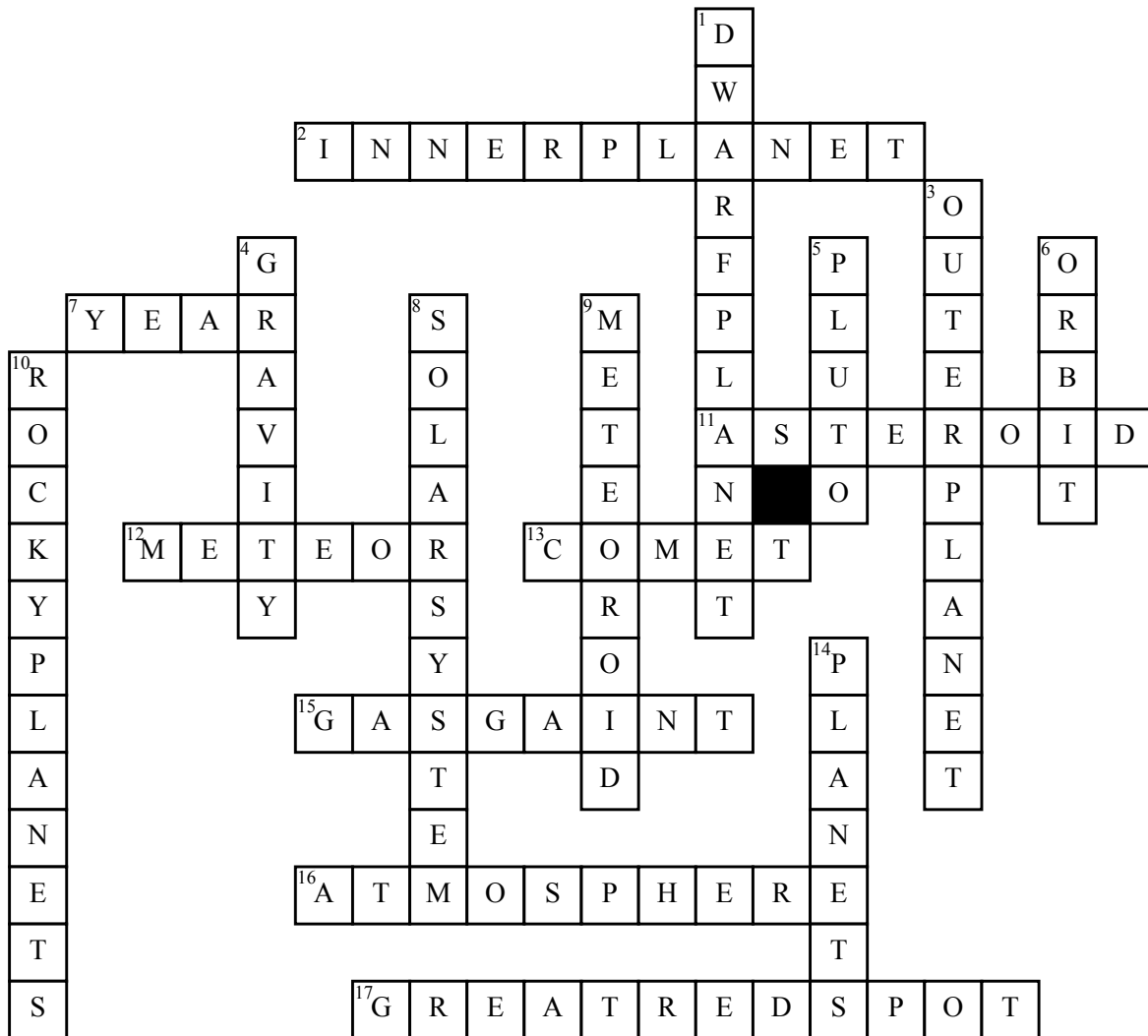


The Solar System



Across

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

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

11. a small rocky body orbiting the sun

12. 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

13. 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

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

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

17. a large, usually reddish gaseous vortex on the surface of Jupiter

Down

1. a celestial body resembling a small planet but lacking certain technical criteria that are required for it to be classed as such

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

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

5. a small planetary body orbiting the sun

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

8. 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

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

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

14. a celestial body moving in an elliptical orbit around a star