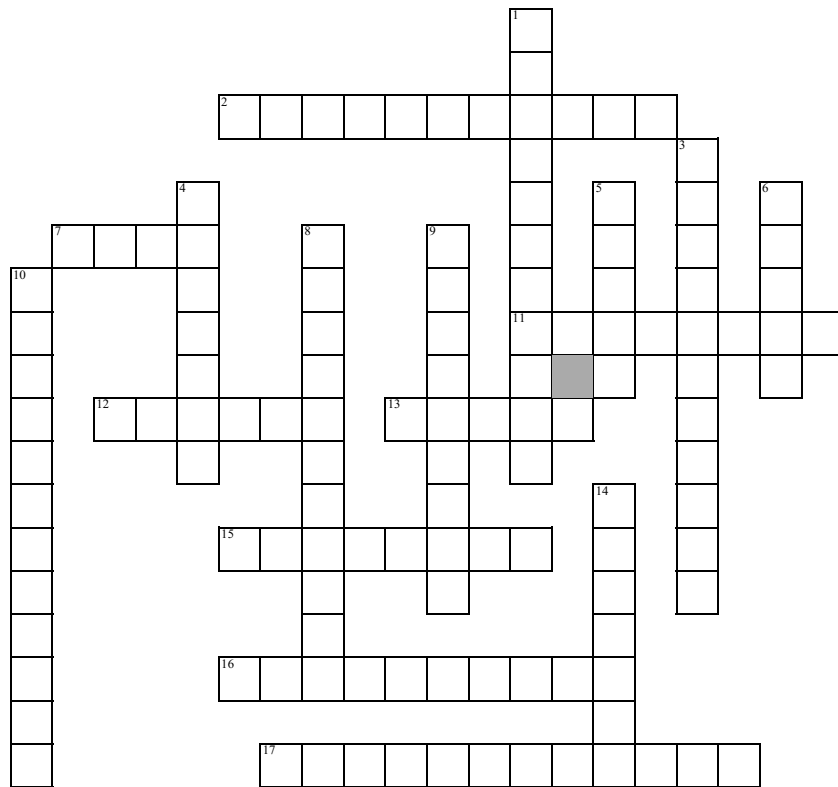


The Solar System



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