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Solar System

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| **Across**  **2.** 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  **4.** An eclipse in which the moon appears darkened as it passes into the earth's shadow.  **5.** The distance that light travels in one year.  **10.** A system of millions or billions of stars, together with gas and dust, held together by gravitational attraction.  **11.** The shape of the illuminated portion of the Moon as seen by an observer on Earth  **13.** The natural satellite of the earth.  **14.** An eclipse in which the sun is obscured by the moon.  **15.** 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.  **16.** The action of rotating around an axis or center. | **Down**  **1.** The curved path of a celestial object or spacecraft around a star, planet, or moon, especially a periodic elliptical revolution.  **3.** an imaginary straight line through Earth about which an object may rotate or that divides an object into symmetrical halves  **6.** A celestial body moving in an elliptical orbit around a star.  **7.** Each of the 4 divisions of the year.  **8.** A small rocky body orbiting the sun.  **9.** A unit of length, roughly the distance from Earth to the Sun.  **12.** An instance of revolving. |