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Space Revision

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| **Across**  **6.** A body that has a sufficiently large mass and that orbits a star. Our solar system contains 8 of these, all of which orbit the sun.  **7.** A system containing billions of stars  **9.** A large system of billions of galaxies  **10.** Planets that have a gaseous composition, often involving hydrogen and helium. These are Neptune, Jupiter, Uranus and Saturn in our solar system | **Down**  **1.** An astronomical unit of distance. One ly is equal to the distance that light travels through space in a single year.  **2.** Objects consisting of rock, dust and ice that travel in the universe at high speeds. When they approach the sun they vaporise and produce a trail.  **3.** Planets that have a solid composition, often composed of metals or rocks. These are Mercury, Venus, Earth and Mars in our solar system.  **4.** The galaxy in which our solar system is located  **5.** A star formed from a cloud of dust and gas being pulled together by gravitational attraction. Fusion reactions occur here.  **8.** Clumps of metal and rock. Mainly found in the asteroid belt, located between Mars and Jupiter |