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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  |