

ACROSS

- Basic units of matter that every solid, liquid, gas and plasma is composed of.
- Objects made of frozen gases, rock and dust that orbit the Sun.
- A large celestial object that acts as a natural satellite to Earth. Most planets in our solar system have at least one moon and some have several.
- When one celestial body blocks light from reaching another by moving between it and its light source.
- 9. The force that pulls objects towards each other.
- The seventh planet from the Sun, and has the third-largest diameter in our solar system.
- A celestial body that orbits the sun that has sufficient mass for its gravity to overcome rigid body forces and has not cleared the neighbourhood around its orbit.
- The area of air and gas that envelopes Earth and other astronomical objects.
- 15. The star that objects in our solar system orbit.
- The distance light travels in one year (nearly 6 trillion miles).
- An astronomical object made of bright, glowing matter called plasma. They're held together by gravity and are incredibly hot.

DOWN

- The three-dimensional expanse in which all material things exist.
- The universe.
- 6. A cloud of dust and gas in space.
- 8. A group of stars that form a pattern.
- A huge collection of gas, dust and billions of stars and their solar systems held together by gravity.