

# Y5: 'Stargazers' project knowledge organiser



The **Solar System** is made up of a collection of **planets**, their moons and smaller objects such as **dwarf planets**, **asteroids**, **meteoroids** and **comets** that **orbit** the Sun.

The moon is a natural **satellite** that **orbits** the Earth every 27 days. The surface of the moon is covered in **craters**. A **lunar** calendar is a calendar based on the cycle of the moon's phases.

An **astronomer** is a scientist that studies space beyond the Earth and into the **universe**.

A **geocentric model** is the theory that the solar system (or the universe) is structured with the Earth at the centre of it all. A **heliocentric model** is the theory that the Sun is believed to lie at or near a central point (of the solar system or of the universe) while the Earth and other bodies revolve around it.



gravity



astronaut



satellite



orbit

