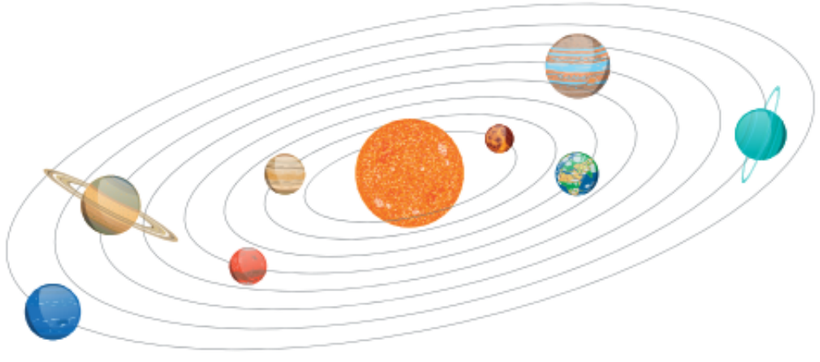
Y5 Science Knowledge Organiser – Space

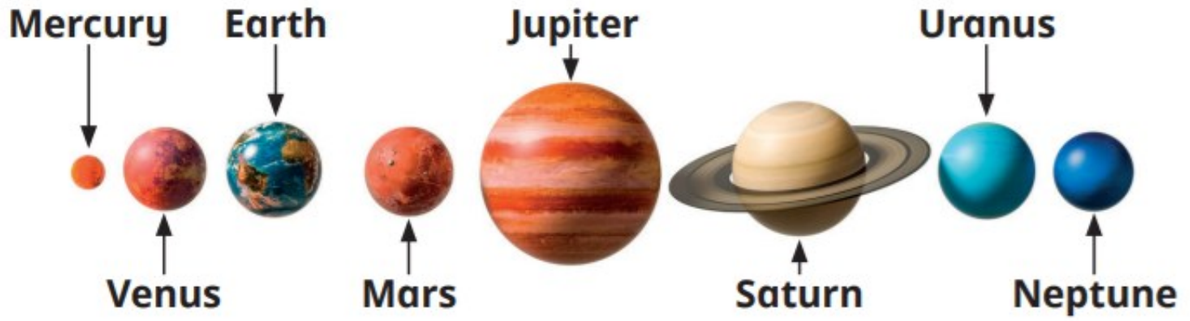
Vocabulary

Solar System	The Sun and other bodies that orbit it
Pluto	A former planet now reclassified as a dwarf planet
Celestial Body	An object in space
Model	A representation of an idea or process
Heliocentric model	A model that puts the Sun at the centre of the Solar System
Geocentric model	A model that puts Earth at the centre of the Solar System
Moon	A natural satellite that orbits the Earth
Orbit	The path an object takes around another object because of Gravity
Satellite	An object that orbits a planet or star

gravitational force – a non-contact force caused by objects with mass pulling each other



The names and order of the planets



Key Facts about Space and Earth

- The Sun, plants and moons are approximately spherical bodies
- Mercury, Venus, Earth and Mars all have a solid surface.
- Jupiter, Saturn, Uranus and Neptune are made mostly of gas and do not have a solid surface
- The four seasons occur on planet Earth because Earth's axis is tilted.

