Year 5 Science Knowledge Organiser Earth and Space

Selected Vocabulary and Definitions Space	
Asteroid	A small rocky body orbiting the sun.
Axis	An imaginary line about which a body rotates.
Celestial	Positioned in or relating to the sky or outer space as observed in the astronomy
Day	A twenty-four hour period, from one midnight to the next, corresponding to a rotation of the earth on its axis.
Dwarf Planet	A celestial body resembling a small planet but lacking certain technical criteria, e.g. Pluto.
Geocentric	Where people believed the earth was at the centre of the solar system.
Heliocentric	Representing the sun as the centre of the solar system, the modern view of the solar system.
Moon	A natural satellite of any planet.
Night	The period from sunset to sunrise in each twenty-four hours.
Orbit	The regularly repeated oval course of a celestial object around a star or planet.
Planet	A celestial body moving in orbit round a star.
Rotation	The action of rotating about an axis or centre.
Solar System	The collection of eight planets and their moons in orbit around the sun.
Star	A fixed luminous point in the night sky, which is a large remote body like the sun.
Sun	The star round, which the planets orbit.

Curriculum Objectives

- I can describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
- I can describe the movement of the Moon relative to the Earth.
- I can describe the Sun, Earth and Moon as approximately spherical bodies.
- I can explain day and night and the apparent movement of the sun across the sky using the idea of the Earth's rotation.



