

## Knowledge organiser for Year 5 Science Topic: Earth and Space

Key Ideas:	
	<ul style="list-style-type: none"> <li>• describe the movement of the Earth and other planets relative to the sun in the solar system</li> <li>• describe the movement of the moon relative to the Earth</li> <li>• describe the sun, Earth and moon as approximately spherical bodies</li> <li>• use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky</li> </ul>

Key Vocabulary:	
Axis	An imaginary line about which a body rotates
Asteroid	A small rocky body orbiting the sun
Celestial	Positioned in or relating to sky or outer space as observed in astronomy
Day	A twenty-four hour period, from one midnight to the next, corresponding to a rotation of the earth on its axis
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 round 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 planets orbit

