

Science Topic : Earth and Space      Year 5      Term 1

Key Knowledge
<b>To know:</b>
<ul style="list-style-type: none"> <li>that the Sun, the Moon, the Earth and seven other planets are part of the solar system</li> <li>that the Earth and the other planets move around the sun</li> <li>that the Moon moves around the Earth</li> <li>that the Sun, the Earth and the Moon are all roughly spherical</li> <li>that day and night are caused by the Earth rotating</li> <li>why the Sun appears to move across the sky</li> </ul>



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

