


# Earth and Space Knowledge Organiser

Subject Specific Vocabulary			Sticky Knowledge about Earth and space
<b>orbit</b>	An orbit is a repeating path that one celestial body takes around another.		<p><b>Important facts to know by the end of the Earth and space topic:</b></p> <ul style="list-style-type: none"> <li>• Know about and explain the movement of the Earth and other planets relative to the Sun.</li> <li>• Know about and explain the movement of the Moon relative to the Earth.</li> <li>• Know and demonstrate how night and day are created.</li> <li>• Describe the Sun, Earth and Moon (using the term spherical).</li> <li>• Know information about the planets.</li> <li>• Neil Armstrong was the first man to step on the moon.</li> </ul>
<b>solar system</b>	The solar system is made of the eight planets that orbit our sun; it is also made of asteroids, moons, comets and lots more.	<input type="checkbox"/> An asteroid about the size of a car enters Earth's atmosphere roughly once a year – but it burns up before it reaches us.	
<b>astronomical</b>	Astronomy is the study of outer space, focusing on celestial bodies such as stars, comets, planets and galaxies.	<input type="checkbox"/> The sunset on Mars appears blue.	
<b>planet</b>	There are 8 planets in our solar system, they are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.	<input type="checkbox"/> Earth is the third planet from the sun and the only world known to support an atmosphere with free oxygen, oceans of liquid water on the surface, and life.	
<b>rotation</b>	Rotation is when a shape is turned around a fixed point.	<input type="checkbox"/> There is no atmosphere in space, which means that sound has no medium or way to travel to be heard.	
<b>spherical</b>	Something spherical is like a sphere in being round, or more or less round, in three dimensions.	<input type="checkbox"/> Venus is the hottest planet in the solar system and has an average surface temperature of around 450° C.	
<b>crescent moon</b>	It is a sliver of the moon that is lit up and can be seen. It is less than half the moon.	<input type="checkbox"/> The sheer size of space makes it impossible to accurately predict just how many stars exist.	
<b>gibbous moon</b>	The best way to describe a gibbous moon is that the moon is three-quarters lit up.		
<b>eclipse</b>	An eclipse occurs when an astronomical object is temporarily obscured. A lunar eclipse is when the Earth moves between the Sun and the Moon, therefore blocking the Sun's rays from striking the Moon.		
<b>lunar</b>	Is anything related to the moon.		