


# Year 5: Earth and Space Knowledge Mat

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>• <b>know about and explain the movement of the Earth and other planets relative to the Sun.</b></li> <li>• <b>know about and explain the movement of the Moon relative to the Earth.</b></li> <li>• <b>know and demonstrate how night and day are created.</b></li> <li>• <b>describe the Sun, Earth and Moon (using the term spherical).</b></li> <li>• <b>Know information about the planets.</b></li> <li>• <b>Neil Armstrong was the first man to step on the moon.</b></li> </ul>	<input type="checkbox"/> One million Earths could fit inside the sun – and the sun is considered an average-size star.
<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, 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 the shape is turned around a 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 slither 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 we have.		
<b>gibbous moon</b>	The best way to describe a gibbous moon is that the moon is three-quart 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.			