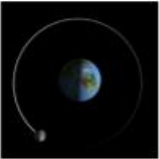




Year 5: Earth and Space Knowledge Mat

Subject Specific Vocabulary		Information	Important Knowledge
Earth	The planet we live on. It is the third planet from the Sun.	 <p>The moon orbits the Earth. It takes about 28 days to complete its orbit.</p>  <p>The phases of the moon are caused by its orbit around the Earth. As the moon orbits the Earth, we can see a different amount of the moon is lit by the sun from Earth.</p>  <p>The Sun, Earth and Moon are approximately spherical.</p> <p>The Earth orbits the Sun.</p> <p>The Moon orbits Earth.</p>	<ul style="list-style-type: none"> <input type="checkbox"/> I know the movement of the Earth, and other planets, relative to the Sun in the solar system. <input type="checkbox"/> I know the movement of the Moon relative to the Earth. <input type="checkbox"/> I know the Sun, Earth and Moon as approximately spherical bodies. <input type="checkbox"/> I can use the idea of the Earth's rotation to explain day and night. <input type="checkbox"/> I can explain the apparent movement of the sun across the sky. <p>Working Scientifically</p> <ul style="list-style-type: none"> <input type="checkbox"/> I can raise questions and suggest how to find the answer. I can decide which will support me in my work best. <input type="checkbox"/> I am beginning to make suggestions about how to record my ideas. <input type="checkbox"/> I can make my own decisions about what observations to make, how long to make them for and what measurements to make. <input type="checkbox"/> I can recognise which secondary sources are most useful to research my ideas. <input type="checkbox"/> I can say whether my research has answered my question.
Sun	The Sun is the star at the centre of our solar system.		
Moon	The moon is the only natural satellite of the Earth.		
planets	Large, spherical objects, made of rock or gas, that move around the sun.		
solar system	The sun and all the planets that orbit around it.		
star	A large ball of burning gas in space.		
rotate	When an object rotates it turns on an axis.		
orbit	The curved path that an object follows when it travels around a star or planet.		
galaxy	An extremely large group of stars and planets. Our galaxy is called the Milky Way.		
universe	The whole of space and all the stars, planets, and other forms of matter and energy in it.		