

Subject: Science

Theme: Earth and space (Y5)

Knowledge	Skills	Vocabulary (Top 20)	Common misconceptions
<p>Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.</p> <p>Describe the movement of the Moon relative to the Earth.</p> <p>Describe the Sun, Earth and Moon as approximately spherical bodies.</p> <p>Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</p>	<p>Identify what is a star, celestial body or a planet.</p> <p>Identify all the phases in the cycle of the Moon.</p> <p>Observe the phases in the cycle of the Moon.</p> <p>Research the work of Ptolemy, Alhazen and Copernicus to find out about how ideas about the solar system have developed.</p>	<p>Earth planet Moon star sun Jupiter Mars Mercury Neptune Saturn solar system Uranus Venus axis celestial body geocentric heliocentric orbit rotation spherical</p>	<p>Some children may think:</p> <ul style="list-style-type: none"> • The Earth is flat. • The Sun is a planet. • The Sun rotates around the Earth. • The Sun moves across the sky during the day. • The Sun rises in the morning and sets in the evening. • The Moon appears only at night. • Night is caused by the Moon getting in the way of the Sun or the Sun moving further away from the Earth.



Love



Friendship



Compassion



Community



Trust



Forgiveness

"Let all that you do be done in love." 1 COR 16:24
Do all the good you can.... John Wesley