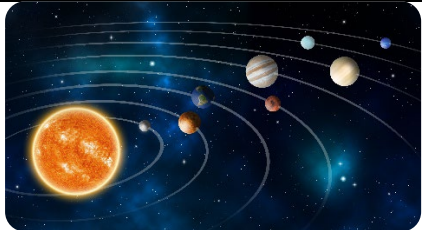

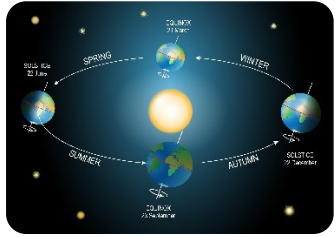



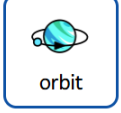









The Solar System		Earth's movement	
 <p>Copernicus developed the heliocentric theory that the sun was at the centre of the solar system. The planets orbit the sun in a circular pattern. Each planet has its own characteristics and features. The four inner planets are the rocky terrestrial planets. The four outer planets are the gas giants.</p>	 <p>The Earth spins on its axis and completes a full rotation every 24 hours. The Earth is constantly rotating and orbiting the Sun - which takes 365 days. As the Earth rotates, it faces towards and away from the Sun. This creates the day and night</p>		
Moon Phases		Planets	The Sun
<p>The moon orbits Earth in an oval pattern whilst spinning on its axis. The sun illuminates the Moon. The shadow of the Earth creates the moon's</p> 	<p>Mercury Venus Earth Mars Jupiter Saturn Uranus Neptune</p>	<p>The Sun is a burning ball of gas which appears to move across the sky during the day. However, this movement is actually due to the Earth's orbit around the sun.</p>	

Key Vocabulary			
 heliocentric	The modern model of the solar system, which places the Sun at the centre.	 axis	The (imaginary) line which a planet rotates around and tilts on.
 geocentric	The old solar system model, which thought the Earth was at the centre.	 orbit	The path of a celestial object around another, such as Moon around the Earth.
 solar system	The name for the Sun and all planets and objects that orbit it.	 moon	A body which orbits a planet; also called a natural satellite.
 astronomy	The study of space, planets and the universe as a whole.	 phase	The appearance of a Moon or planet, according to the amount of illumination.
 terrestrial planets	The name given to the four inner rocky planets - Mercury, Venus, Earth and Mars.	 waxing	The name given to Moon phases when the Moon is becoming brighter.
 gas giants	The name given to the four outer planets - Jupiter, Saturn, Uranus and Neptune.		