

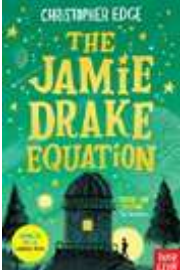
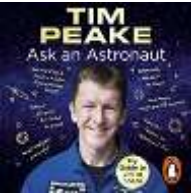


## Would you like to take a trip into space? Knowledge Mat

Subject Specific Vocabulary		Sticky Knowledge	Texts
			 
Terrestrial planet	Planets made predominantly of rock: Mercury, Venus, Earth, Mars	<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> </ul>	<p>Can you create an educational video presentation to explain the seasons?</p> <ul style="list-style-type: none"> <li>• Clear explanation of the seasons with reference to the tilt and orbit of the Earth in relation to the sun.</li> <li>• Creation of resources to support explanations</li> <li>• Use of globe</li> <li>• Participation of all group members</li> <li>• Appropriate style and register to link to speaking and listening expectations</li> </ul>
Gas giant	Planets made predominantly of gas: Jupiter, Saturn		
Ice giant	Planets made predominantly of ice: Uranus, Neptune		
Solar system	The collection of eight planets and their moons in orbit round the sun, together with smaller bodies in the form of asteroids, meteoroids, and comets.		
Celestial body	Positioned in or relating to the sky, or outer space as observed in astronomy.		
Sphere/spherical	A round solid figure, or its surface, with every point on its surface equidistant from its centre.		
Rotate/rotation	To move or cause to move in a circle round an axis or centre.		
Orbit	The curved path of a celestial object or spacecraft round a star, planet, or moon.		

Geocentric model	A model of the solar system with the Earth at the centre.		
Heliocentric model	A model of the solar system with the sun at the centre.		
Axis	An imaginary line about which a body rotates.		
Gnomon	A shadow maker.		