


Topic Plan

Year 5		
Autumn 1 - Cosmic		
Key Skills	Key Facts	Key Vocabulary
<ul style="list-style-type: none"> • Explain that the Sun, Earth and Moon are almost spherical bodies • Explain the movement of the Earth, and other planets, relative to the Sun in the solar system • Describe how the moon moves around the Earth • Use scientific language 	<ul style="list-style-type: none"> • For a rocket to get into orbit around Earth, it needs to travel 17,600 miles per hour. • You could fit 1.3 million Earths into the Sun! • It takes 365 and a quarter days for the Earth to orbit the sun • Pluto has been declassified as a planet • The longest time spent in space is a whole 437 days. • It is completely silent in space. There is no way for sound to travel. 	<ul style="list-style-type: none"> • There are eight planets in our solar system: Mars, Jupiter, Venus, Neptune, Earth, Saturn, Uranus, Mercury. • Solar System - consists of our star, the Sun, and everything bound to it by gravity • The Sun - a star at the centre of the solar system. • The moon - is Earth's only natural satellite and the fifth largest moon in the solar system. • Eclipse - either a solar eclipse, when the Moon's shadow crosses, the Earth's surface, or a lunar eclipse, when the moon moves into the Earth's shadow.
Key Figures/Places	Reading and Writing Links	
<p>Tim Peak Peter Thorpe Space artist Lucien Rudaux Space artist Wassily Kandinsky artist The Solar System The planets The moon</p>	 <ul style="list-style-type: none"> • Persuasive writing • Newspaper report • Characterisation 	