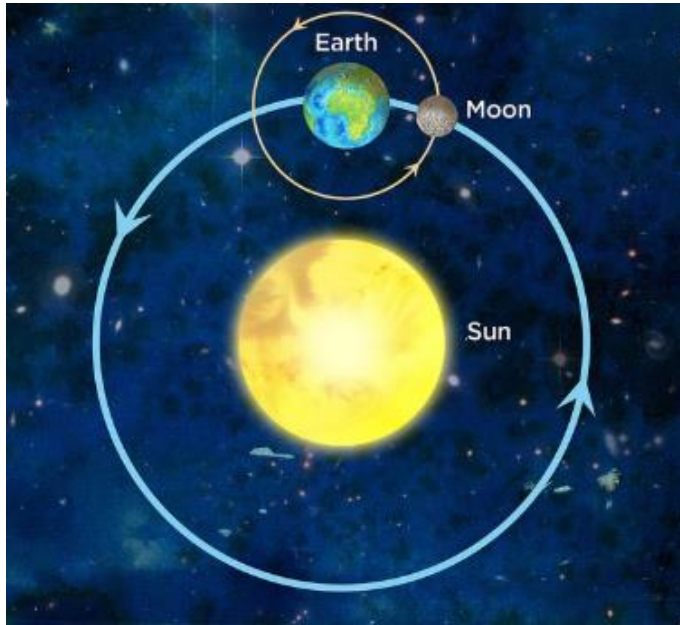


Sun, Earth and Moon



Year 5 Knowledge Organiser

To infinity and beyond

Key Facts

The Solar System was formed around 4.6 billion years ago.

There are 8 planets in our Solar System and they all orbit the Sun which is at the centre of the Solar System.

The Sun, Earth and Moon are all spherical.

It takes Earth 365 days to orbit the Sun.

The moon takes 28 days to orbit the Earth.

The Sun appears to move across the sky.

There are 5 dwarf planets in our Solar System.

The first man made object sent into space was in 1957 when the Russian satellite named Sputnik was launched.

Astronomers such as Galileo Galilei and Isaac Newton helped develop a model that explained the movement of the planets with the Sun at the centre.

Key Vocabulary

Earth	the planet we live on.								
Sun	the star round which the earth orbits								
Moon	a huge ball of rock in space which orbits the Earth.								
axis	an axis is an imaginary line an object turns around.								
rotation	when an object turns around an internal axis								
orbit	a repeating path that one object in space takes around another.								
day	When the Earth's sphere is in sunlight								
Solar System	Our solar system consists of eight planets which all orbit around our home star, the Sun.								
	<table border="0"> <tr> <td>Mercury</td> <td>Venus</td> </tr> <tr> <td>Earth</td> <td>Mars</td> </tr> <tr> <td>Jupiter</td> <td>Saturn</td> </tr> <tr> <td>Uranus</td> <td>Neptune</td> </tr> </table>	Mercury	Venus	Earth	Mars	Jupiter	Saturn	Uranus	Neptune
Mercury	Venus								
Earth	Mars								
Jupiter	Saturn								
Uranus	Neptune								
night	when the Earth's sphere is in darkness								
star	a massive, bright, sphere of very hot gas								

Did you know?

The Sun is over 300000 times larger than earth.

Venus is the hottest planet in our solar system with a surface temperature of over 450 degrees Celsius.

Space Images

Space station



Tim Peak



Map of Solar System



