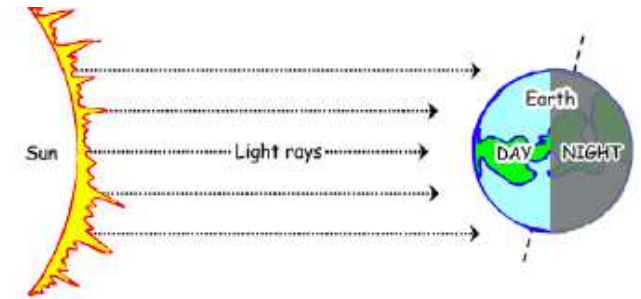


Key Information Sequence of Planets from sun.	
1	Mercury – the smallest planet.
2	Venus – the largest planet.
3	Earth-the only planet that has water on it's surface.
4	Mars – the planet known as the 'red planet'.
<b>Asteroid belt</b>	
5	Jupiter – the largest planet, a gas giant.
6	Saturn –known for it's rings.
7	Uranus – a gas giant just like Jupiter.
8	Neptune – is blue because of high proportions of methane gas.
<b>Mnemonic to recall the sequence of planets</b>	<b>My Very Easy Method Just Speeds Up Naming Planets.</b>
<b>Time facts</b>	It takes 28 days for the moon to orbit earth. It takes 365 and ¼ days for earth to orbit the sun. It takes 24 hours for the earth to orbit it's axis once.

Vocabulary	
Orbit	The curved path of a celestial body.
Rotation	To rotate around an axis.
Solar System	The collection of eight planets, their moons in orbit around the sun, together with smaller bodies in the form of asteroid, meteoroids and comets.
Planet	A celestial body that revolves around the sun.
Galaxy	A collection of star systems.
Sun	The star at the centre of a solar system.
Universe	Everything that exists anywhere.
Satellite	An artificial body placed in orbit round the earth or moon or another planet in order to collect information or for communication
Celestial body	An object in space.
Lunar	Relating to the moon
Spherical	Shaped like a sphere.
Asteroid belt	The disc in the Solar System located roughly between the orbits of the planets Mars and Jupiter. It is occupied by numerous irregularly shaped bodies called <b>asteroids</b> or minor planets.

## Key Diagrams



A diagram of what happens with the sun and moon during the day and the night.

Space missions and famous astronauts.	
1951	First dog in space – Laika
1961	First man in space – Yuri Garigan
1969	First moon landing – Apollo 11
<b>Yuri Garigan: First man in space in 1951.</b>	
<b>Alan B Shepard Jr: First American in space in 1961.</b>	
<b>Neil Armstrong: First man on moon.</b>	
<b>Sir Tim Peake: Most recent Britain to go to space in 2015.</b>	



Neil Armstrong.



Sir Tim Peake.