



What do astronauts do?

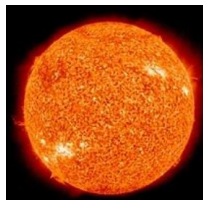
Key Concepts and vocabulary



Earth is the third planet from the sun. It is the planet that we live on and the only one that we know has life on it. A lot of the Earth's surface is covered in water (Around 71%)



The moon orbits Earth. This means it goes around our planet. It is made of mostly rock and it has many 'pits' called craters from crashing rocks. The moon has different phases and it also creates 'tides' in the oceans.



The sun is not a planet—it is a star. All of the planets in our solar system orbit around the sun. It provides heat and light. It takes a full year for Earth to complete its orbit around the sun.



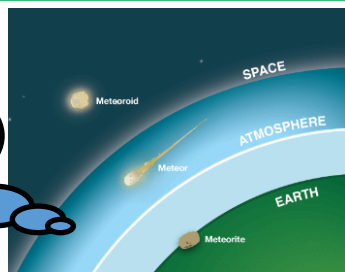
A 'meteoroid' is a flying object in space. It is like a 'space rock' and they range in size.

If 'meteoroids' enter the Earth's atmosphere and burn up, they are like 'shooting stars' or meteors



A 'meteorite' is what we call a 'meteoroid' that survived its entry and hits the ground on Earth.

This is aspirational knowledge, we won't be expected to learn it by heart but we will be hearing about it!



Significant 'people'...

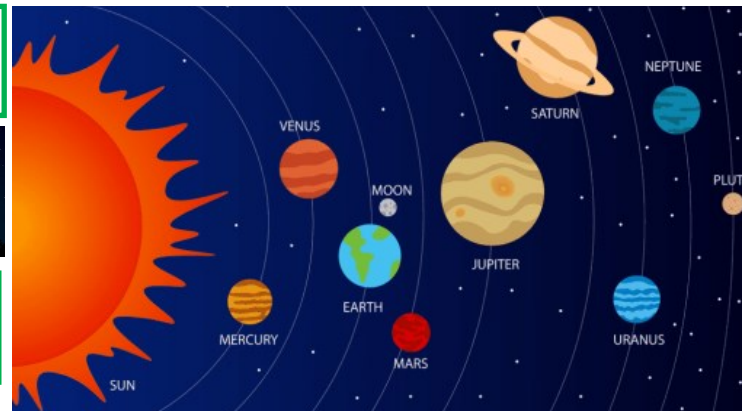
- Mae Jemison— An American astronaut who went to space in 1987 aboard NASA's Endeavour
- Tim Peake—A British astronaut who served on the International Space Station in 2015 .

Prior Learning...

- * I can talk about what I see and describe it.
- * I know that we live on 'Earth' and this is part of the 'solar system' of planets.
- * I enjoy using rockets and space toys in role-play or small world play at school.
- * I know of the sun, the moon and stars.

New learning...

- * I will learn about the planets of the solar system.
- * I will find out more about their features and unique attributes.
- * I will learn some space facts about things like the sun and the moon.
- * I will explore the colours and characteristics of planets
- * I will learn more about astronauts and their role. I will find out about a British astronaut and an American astronaut.



- The solar system is a collection of 8 planets and their moons. Pluto is now classed as a 'dwarf' planet. The planets orbit (go around) the sun.