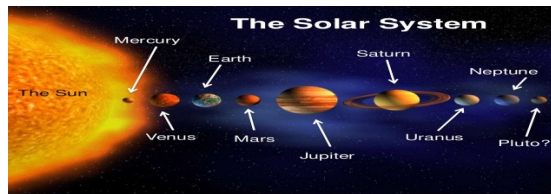


Moon Zoom!

Solar System

Our Solar System is made up of the Sun and everything that orbits around it. There are eight planets in our Solar System. They are called Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. Mercury is closest to the Sun and Neptune is furthest away. There are also asteroids, moons and dwarf planets in our Solar System. Pluto is a dwarf planet.

We live on Earth. Earth is the third planet from the Sun. It is the only planet in our Solar System where life is currently found.



Moons



A moon is a natural object that orbits a planet. Earth has one moon. Mars has two moons and Jupiter has over 60 moons.

Earth's moon is made from rock. The moon does not give off light. It reflects the Sun's light like a mirror. The moon is always in the sky but the Sun shines so brightly in the day that it is hard to see.

Everyday Materials

A material is anything that is used to build or make something. Objects can be made from many kinds of materials. Materials have different properties so they can be used in a range of ways. Some objects are made from more than one material.



Wood

Wood is hard, strong and can be cut. It is used to make houses and furniture.



Plastic

Plastic can be made into any shape. It can be soft or hard. It is used to make toys and bottles.



Glass

Glass is transparent and waterproof. It can be made into different shapes. It is used to make windows.



Metal

Metal is very strong, hard and shiny. It can be made into different shapes. It is used to make cars and coins.

Astronauts

An astronaut is a person who has trained to travel into space. They have to train for a long time. Astronauts travel to space in a rocket. Some astronauts have visited the Moon. Others have orbited Earth or visited the International Space Station.

Famous Astronauts



Neil Armstrong was an American astronaut. He was the first man to walk on the Moon on 20th July 1969.



Helen Sharman is a chemist who became the first British astronaut as well as the first woman to visit the Mir space station in May 1991.

Glossary

Asteroid — A large rock that orbits around the sun.

International Space Station — A large spacecraft that orbits the Earth. It is home to astronauts and contains a laboratory for carrying out scientific investigations.

Orbit—A curved path in space around a planet or star.

Planet—A large spherical object in space that moves around the Sun or another star.

Rocket—A vehicle or object that is launched into space by a powerful rocket engine.

Space—The universe beyond the Earth.

Star—A huge ball of hot gas. The Sun is a star.

Transparent—A property of material meaning that light can pass through it, and can be seen through.

Waterproof—A property of material meaning that water cannot pass through it.