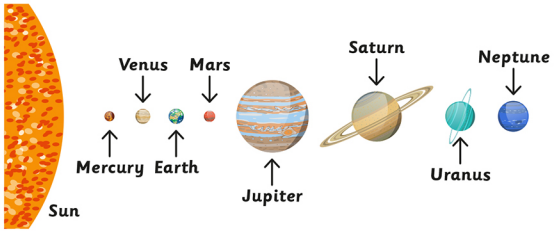
Downloaded by AWAAN at Hardwick Primary School on 15/03/20. © Copyright 2020 Cornerstones Education Limited

Moon Zoom!

The 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.



Astronauts

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

Famous astronauts

Yuri Gagarin was a Russian pilot and an astronaut. He is famous for being the first man to go into space on 12th April 1961.



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



Helen Sharman was the first British astronaut to travel into space, visiting the Russian *Mir* space station in 1991.



Tim Peake is a British astronaut who spent 185 days in space aboard the International Space Station in 2015 and 2016.



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.

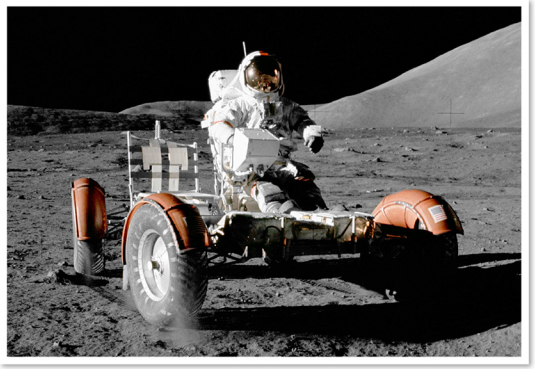


The Moon

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.

Moon buggies

A moon buggy, or lunar roving vehicle, was used to transport astronauts on the surface of the Moon. It had a battery-powered motor and four special wheels that could move easily over the dusty surface. The chassis held some of the equipment the astronauts needed.



Copyright © 2019 Cornerstones Education Limited

Downloaded by AWAAN at Hardwick Primary School on 15/03/20. © Copyright 2020 Cornerstones Education Limited

Electricity

Electricity is a type of energy. It is used to power many everyday items.



kettle



computer



lights



television

Electricity can also come from batteries. Batteries eventually run out of power and need to be recycled or recharged. Batteries power devices that can be carried around.



mobile phone



torch

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.



Glossary

asteroid	A large rock that orbits around the Sun.
International Space Station	A large spacecraft that orbits 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 a material meaning that light can pass through it, and it can be seen through.
waterproof	A property of a material meaning that water cannot pass through it.

Image used from: Shutterstock.com/g/cl

Copyright © 2019 Cornerstones Education Limited