



Year 2 Knowledge Organiser

Could I be an explorer like

Neil Armstrong?

What will I learn?

Who is Neil Armstrong?

Neil Armstrong was the first man to land and walk on the moon. He was a part of an American space mission from NASA along with other astronauts.

Who is Helen Sharman?

Helen Sharman is a British scientist. She was the first British person to ever go into space.

Who is Matthew Henson?

Matthew Henson was an American **explorer** who accompanied Robert Peary on seven voyages to the Arctic over a period of nearly 23 years. They spent a total of 18 years on expeditions together.

What will I learn?

Will plants survive on the moon?

Plants need light, warmth and water to be able to grow and survive.

Key Knowledge

If one of these elements is missing, most plants will not survive, unless they have adapted to the habitat's conditions. For example, a cactus can survive in a hot climate with very little water. Plants grow from seeds, bulbs or cuttings.



Previous learning

What is the difference between a plant and a tree?

Does Nottingham have a Castle?

You should already know:

Most plants have flowers, stems, leaves and roots.

Why is Jesse Boot considered a significant individual from the past.



Helen Sharman.

The first British person to go to space.



Matthew Henson.

An American explorer who went to the Arctic.

Key information



Moon Landing

Apollo 11 was the first flight to send people to the **moon**. It was sent by NASA, the American space group. It went up to space on 16 July 1969, carrying

three astronauts: Neil Armstrong, Buzz Aldrin and Michael Collins. On 20 July 1969, Armstrong and Aldrin became the first humans to land on the **moon**, while Collins stayed in orbit around the **Moon**.

650 million people around the world watched the **moon** landing.

Vocabulary Dozen



explorer

a person who discovers new places



space

The area beyond the Earth's atmosphere.



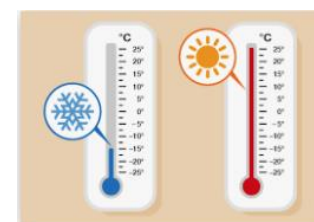
moon

A huge ball of rock which orbits the Earth.



Earth

The name of the planet that we live on



temperature

how hot or cold it is



significant

something really important



plant

a living thing that grows in the earth and has a stem, leaves and roots.



seed

the small part of a flowering plant that grows into a new plant



observe

to watch something carefully



event

anything that happens



compare

Say how things are the same and different.



bulb

a pear-shaped seed that grows from under the ground.

Useful Weblinks



Who was Neil Armstrong?
<https://www.bbc.co.uk/bitesize/topics/zhpchbk/articles/z4w3mfr>



Newsround -all about NASA
<https://www.bbc.co.uk/newsround/44952511>



European Space Agency - education for kids
<https://www.esa.int/kids/en/learn>