

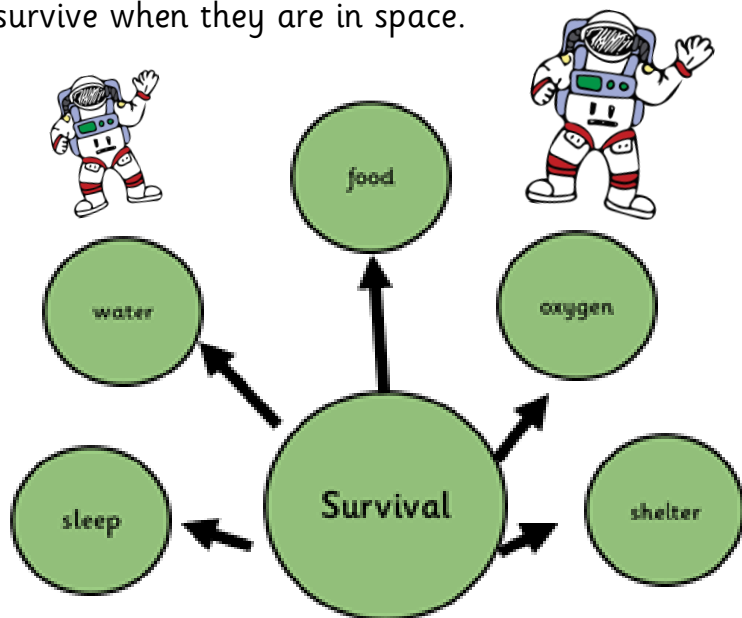
Year 2 Knowledge Organiser – Out of This World

What I learnt last year that will help me this year...

Learnt the names of some materials.
Learnt about the terms- past, present and future.

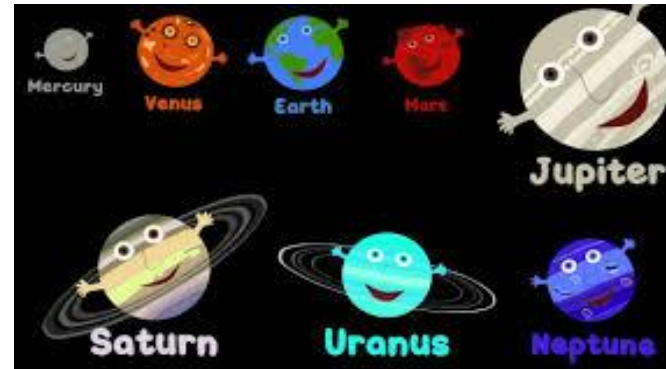
Survival needs

We will learn about the key needs that animals and humans need to survive. We will then look at these 5 key needs and consider how astronauts survive when they are in space.



Order of the planets

We will be learning about the eight planets in our solar system and finding out what each planet is like.



We will learn a mnemonic to help us remember the order of the planets.

My (Mercury)
Very (Venus)
Excited (Earth)
Monkey (Mars)
Just (Jupiter)
Sits (Saturn)
Under (Uranus)
Noses (Neptune)



Survival: to remain alive.

Space: the place beyond the earth's atmosphere.

Solar system: the sun, and everything that orbits, or travels around the sun.

Planet: large, natural objects that travel around stars.

Moon: large, natural object that travels around the earth.

Astronaut: a person who is specially trained to travel into outer space.

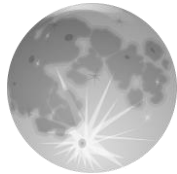
Material: a substance that is used to make something, e.g. wood, glass, metal.



The Apollo 11 Moon Landing

We will be learning about the historic moon landing when people first walked on the moon. Here are some interesting facts about the moon landing:

- On the morning of July 16th 1969, the United States of America got ready to launch its Saturn V rocket.
- The three astronauts on board were: Neil Armstrong, Michael Collins, and Edwin “Buzz” Aldrin.
- They took 4 days to reach the moon.
- On July 20th 1969, Neil Armstrong became the first human to step foot on the moon.



Materials

There are many different materials all around us. Some are man-made and some are natural. We will be learning about the properties of a variety of materials and how materials are used.

Wood

Wood comes from trees so it is a natural material.



Metal

Metal comes from rocks. It is strong and hard.



Plastic

Plastic is man-made. It is easy to wash and cheap to make.



Glass

Glass is made from very fine sand. It is man-made.



We will carry out some experiments to discover the best material to make a rocket out of.

Man-made: made by people rather than nature.

Natural: made by nature rather than humans.

Properties: what a material is like and how it behaves.

Peter Thorpe

We will learn about the artist Peter Thorpe and make some space pictures in his style.

