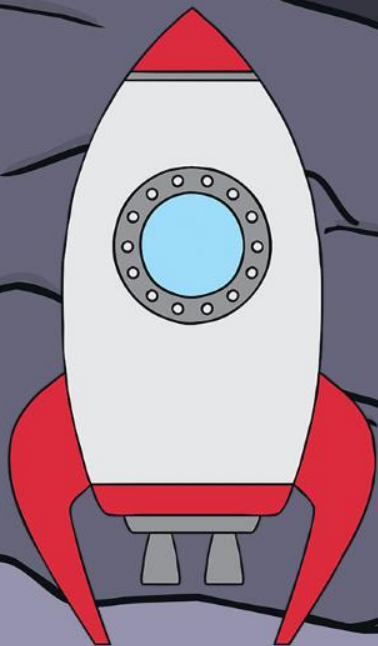


# Famous Astronauts



# Space Week Homework

This week it is Space Week!

It is also time for our first homework project of the year!

This year we are going to learn about astronauts!





# What is an Astronaut?

An astronaut is a person who is trained to travel into space.

To be an astronaut, you need to have lots of training and be very strong.  
Astronauts have to wear special spacesuits.

The spacesuits help them to breathe and protect them from very cold or very hot temperatures.



# Space Week Homework

Your homework is to find out about astronauts.

To get you started, here is a few facts about some famous astronauts.



Helen Sharman was the first British astronaut to go to space back in 1991.



# Famous Astronauts

Over 500 astronauts have gone on missions into space. Here are some astronauts that are famous for being significant in the history of space travel.

Yuri Gagarin



Valentina Tereshkova



Neil Armstrong



Tim  
Peake



Mae Jemison

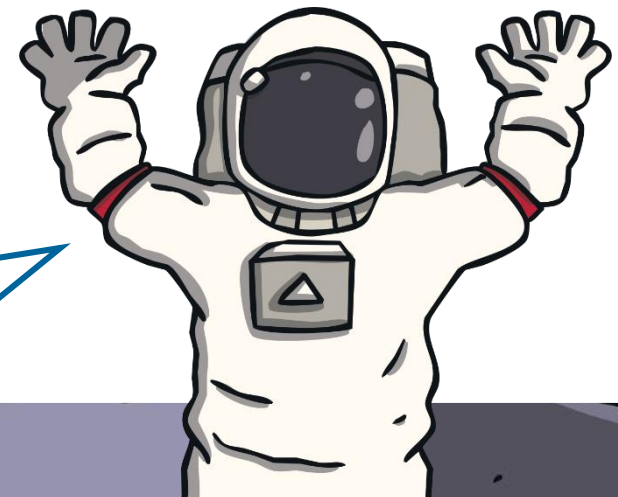
# Yuri Gagarin

Yuri Gagarin is famous for being the first human to travel into outer space and orbit the earth.



Yuri Gagarin was born in 1934 in Russia. On the 12<sup>th</sup> April 1961, he was on board the spaceship **Vostok 1**, which took him into space. This made him the first human to ever go into space! It took him 108 minutes (that's less than 2 hours) to orbit the Earth.

I said 'Poyekhali' when my spacecraft launched. That means 'Let's go!' How do you think I felt?





# Valentina Tereshkova

Valentina Tereshkova is famous for being the first woman to travel into outer space and orbit the earth.

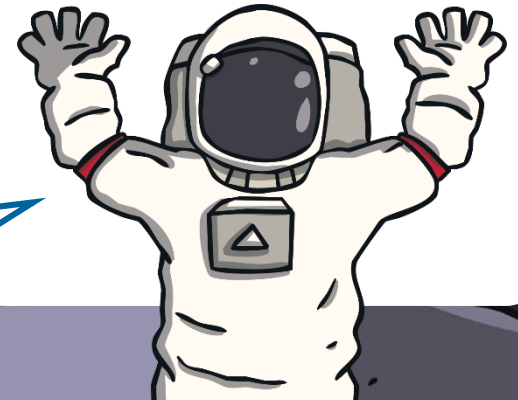


Valentina Tereshkova was born in Russia in 1937. In 1963, she travelled on her own on board the spacecraft **Vostok 6**.

Valentina was the first woman to travel into space. She orbited the Earth 48 times, which was a new world record! Valentina took many pictures of the Earth while she was in space.

On the journey back to Earth, there was a problem with the spacecraft and it nearly crashed! Valentina put all of her training into practice and was able to fix the problem.

Why do you think I took photographs while I was in space?



# Neil Armstrong

Neil Armstrong is famous for being the first man to walk on the moon.

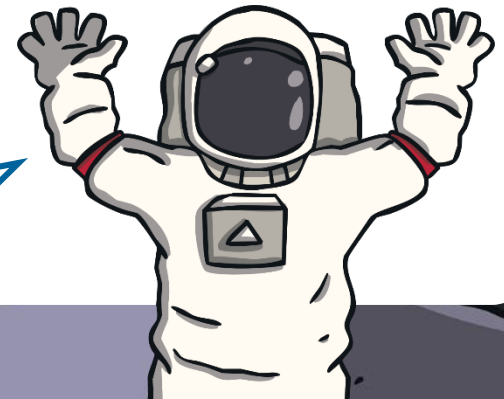


Neil Armstrong was born in 1930 in the United States of America.

On the 20<sup>th</sup> July 1969, Neil Armstrong landed on the Moon. He had travelled there on a spacecraft called **Apollo 11** with two other astronauts - Michael Collins and Buzz Aldrin. Neil Armstrong was the first astronaut to leave the spacecraft and became the first man to walk on the Moon.

Buzz Aldrin also left the spacecraft on that trip. They did important jobs, such as collect samples of moon rocks and complete experiments. They also planted an American flag. They landed back on Earth on the 24<sup>th</sup> July 1969.

When I first stepped onto the Moon,  
I said 'That's one small step for  
man, one giant leap for mankind.'  
What do you think it means?





# Mae Jemison

Mae Jemison is famous for being the first Black woman to travel into space.

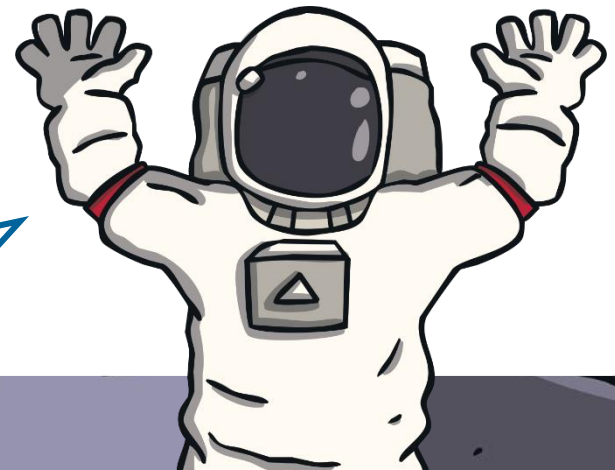


Mae Jemison was born in 1956 in the United States of America.

In 1992, she became the first Black woman to travel to space. She was on board a spacecraft called **Endeavour** as a mission specialist.

She was in space for a total of 8 days and orbited the Earth 127 times. While she was on her mission, Mae carried out different scientific experiments.

What science experiment would you carry out if you went into space?



# Major Tim Peake

Major Tim Peake is a British astronaut, famous for spending 186 days in space.

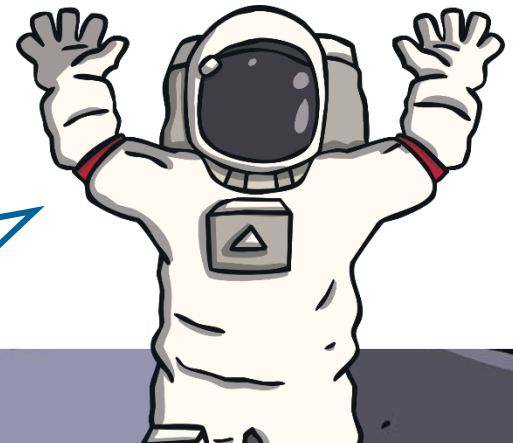


Major Tim Peake was born in England in 1972. From December 2015, he went on a mission to the **International Space Station** and became the first official British astronaut to walk in space.

Major Tim Peake lived on the International Space Station for around six months. In this time, he performed many interesting scientific experiments.

He was often seen on videos and live calls, showing children and adults what he was doing!

You can watch some of the videos that Tim made in space on the internet – get googling!



# Your Space Mission!

## EYFS

You need to draw, colour or paint a picture of an astronaut in space.

Think about what they can see in space, what they are doing and what they are wearing.

You might do this in your homework book or on paper.





# Your Space Mission!

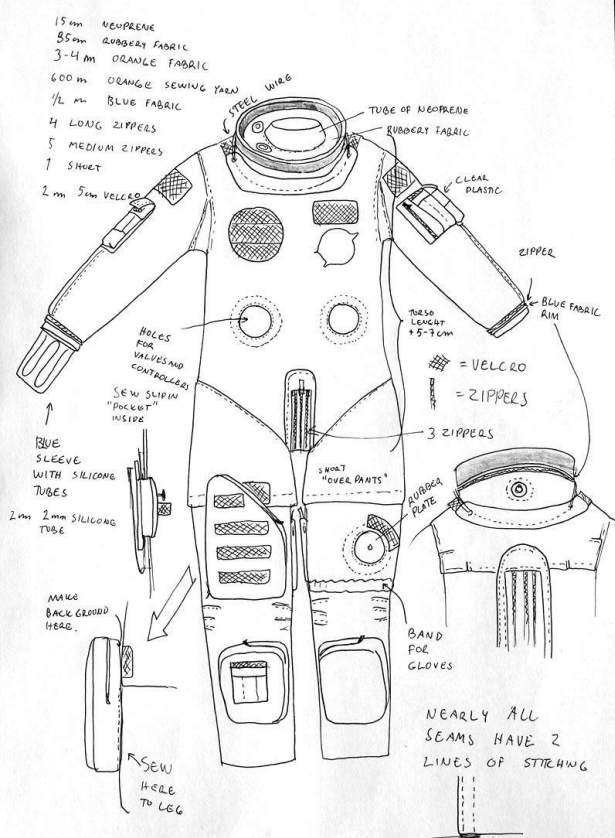
## Key Stage 1

You need to find out about astronauts and what they need to survive such as food, water and air.

Then use this to help you design your own suit for an astronaut.

Label your design to show your wonderful ideas.





## WHAT DO ASTRONAUTS WEAR IN SPACE?

### WHAT DOES A SPACE SUIT DO?

There is no air in space. It is boiling hot in the sunlight. It is freezing cold in the shade. A space suit protects astronauts. Look at its parts.



Design your own space suit and label the parts of the suit. You can be as creative as you like.





# Your Space Mission!

## Key Stage 2

You need to choose an astronaut and research them.

It can be one we have looked at briefly today or a different one.

Find out as much as you can about them then show what you have learnt.

You can write about them, create an information poster, a book – the choice is yours. As long as your work is full of facts, I don't mind how you present it!

# Your Space Mission

Visit the school website to find some more information about astronauts and some ideas for other fun things you can do at home.



