

Space

Space is the physical universe beyond earth's atmosphere. We can get there by using a shuttle or a rocket. There are eight planets in our solar system: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune.



October 1957

First satellite
Sputnik

1961

First human in
Space

1991

First British
woman in
Space

November 1957

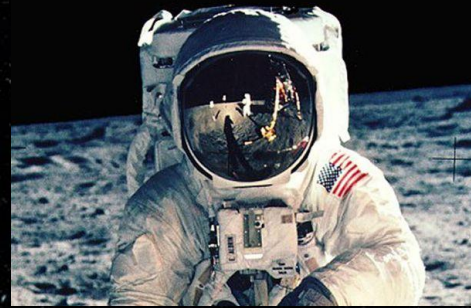
First animal in
Space

1969

First people to
walk on the
Moon

2015

First British
man in Space



Sputnik

The first satellite to orbit the Earth was on 4th October 1957 by the satellite Sputnik 1 and was the size of a beach ball.

Sputnik 2

The first animal to orbit the Earth was Laika the dog on 3rd November 1957 on Sputnik 2.



Vocabulary

Space

'Outer space' begins about 100 km above the Earth, where the shell of air around our planet disappears. With no air to scatter sunlight and produce a blue sky, space appears as a black blanket dotted with stars.

Satellite

An object that moves around the earth. These can be natural or man-made.

Orbit

The path of something as it goes around something else.

Moon

A big, round lump of rock that moves around (orbit) the Earth. It is a natural satellite.



Humans in space

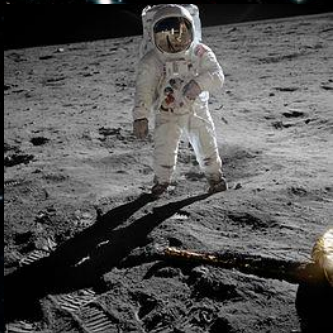
The first person in Space was The Russian cosmonaut Yuri Gagarin in 12th April 1961.

Astronauts

To become an astronaut, you must be able to speak and read Russian. You must also be able to swim, have studied Maths or Science at university and be able to pilot a jet plane. Astronauts need to wear space suits- they need an air tank to breathe air as there is no air in space.

Apollo 11

The first and only country to successfully land people on the Moon was America, carried out by the Apollo 11 team lead by Neil Armstrong, Buzz Aldrin and Michael Collins.



British Astronauts

in 1991, Helen Sharman was the first British woman in space. In 2015, Tim Peake was the first British astronaut in the ESA to go to the International Space Station.



Vocabulary

Shuttle

The ship that takes astronauts to space. IT is one of the ways to get into Space.

Astronaut

A person that is trained to go into space. If they are trained in Russia, they are called a Cosmonaut.

NASA

NASA stands for National Aeronautics and Space Administration. NASA is in charge of American science and technology that has to do with airplanes or space.

Apollo

The third United States human spaceflight program carried out by NASA, which succeeded in landing the first humans on the Moon from 1969 to 1972.

