

Moon Zoom



To know why Yuri Gagarin, Neil Armstrong, Helen Sharman and Tim Peake are famous astronauts.

To know why a special space suit is worn for space travel.

To know how rockets and moon buggies allow people to travel in space.

To know the names of the planets that make up the solar system.

To know that the Earth has one moon, made of rock. To know why we can't see it during the day.

To know that clusters of stars make invisible shapes.

Key Vocabulary

- Asteroid
- Astronaut
- comet
- Constellation
- Gravity
- Moon
- NASA
- Orbit
- outer space
- Planet
- Satellite
- Solar system
- Space station
- Star
- Universe
- UFO
- Zero gravity

What Do Astronauts Wear?

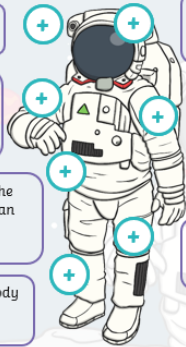
When astronauts go on a spacewalk, they need to wear a protective spacesuit. Click the question mark for an interesting fact!

Camera (on helmet) – used to send pictures back to Earth.

Gloves – have a good grip. Astronauts need to train to carry out tricky tasks in these thick gloves

Display and Control Module (on the front of the suit) – the astronaut can control the spacesuit using these switches.

Spacesuit – keeps the astronaut's body at the right temperature; it can get very cold and very hot in space.



Helmet – the visor protects the astronaut's eyes from the strong rays of the Sun.

Primary Life Support System (on the back of the suit) – carries oxygen so that the astronaut can breathe. Water is also carried in this pack.

Radio – used to talk to other astronauts and Mission Control.

The 6 Space Shuttles:

Challenger
Enterprise
Columbia
Discovery
Atlantis
Endeavour



Star constellations: A cluster of stars that make an imaginary shape



Famous Astronauts and Cosmonauts



1961
Yuri Gagarin
The first person in space.



1969
Neil Armstrong
The first person on the moon, along with Buzz Aldrin.



1995
Chris Hadfield
Canadian astronaut.



1991
Helen Sharman
The first British person in space.



1957
Laika
The first dog in space.



1963
Valentina Tereshkova
The first woman in space.



2015
Tim Peake
The first British person on the ISS.

9 Phases of the Moon

