

Exploring Space



National Museum of Scotland



Name: _____

The symbols next to questions mean:



Find the answer



Guess the answer



Answer needs an action

Start in the Grand Gallery, Level 1.

Find the Saturn V model in the Window on the World display.

- This is a model of the rocket which took astronauts to the Moon in the 1960s and '70s.
- The rocket carried three astronauts. In total six missions visited the Moon, with two astronauts on each mission getting the chance to walk on the surface.



Can you circle which part of the rocket astronauts travelled in?



Who were the first astronauts to walk on the Moon?

Buzz Aldrin and Neil Armstrong

Find two other rockets on display, one in the Grand Gallery, one in Explore.



Why do these rockets look different?

They were used for different purposes and needed different amounts of fuel. The Europa and Black Night went into low earth orbit but the Saturn V had to get to the moon.



Take a selfie of you with one of the objects you've just found.



Can you find anything else Space-related in Explore? Draw it in the space below:

Astronaut suit.

Go to the Earth in Space gallery, Level 1

Find the display of telescopes.



- We can learn about stars and planets without travelling into Space by using telescopes and other instruments.
- If we look at the evidence collected by these telescopes it is possible to find out about how stars are born and how they die, we can look for new planets outside our solar system and we can search for evidence of life.



Can you name the planets going in order, from closest to the Sun to furthest away?

Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune

Find a model of the solar system (This is called an Orrery).



Which planet do you think would be most interesting to visit and why?

Pupils can choose, based on their own interests.

Find the meteorites.



Write two facts about them.

Pupils may pick any 2 facts from the meteorite display



Take a picture of a Scottish flag that has travelled into Space!

Space facts

People have lived on the International Space Station (ISS) since the year 2000. It is expected the ISS will be used for at least the next 10 years.

British astronaut Tim Peake spent over six months on board the ISS. He launched in December 2015 and returned to Earth in June 2016.

At the age of 27, Helen Sharman was the first British person in Space. She was selected from almost 13,000 applicants!

Vikings, Romans and ancient Egyptians all used stars as guides for navigation over thousands of years.

To accompany Tim Peake's Spacecraft: Learning Programme presented by Samsung and the Science Museum Group.

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