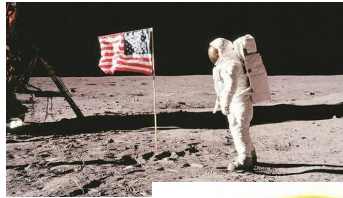




What impact has Britain had on Space Exploration?

Lesson 1: What was the impact of the first man on the moon?

- We learnt about the **composition of the moon**
- Gave us the **first perspective of Earth** from the moon
- It led the **inventions of new technologies**
- We learnt **more about space**



Lesson 2: What was the impact of the Apollo 13 mission? Why was it a significant event in history?

- To be **NASA's third mission** to the moon but it never landed
- An **oxygen tank exploded** and the astronauts had to **improvise** to come back to Earth
- It was a near disaster but was classified a **'successful failure'** due to the experience gained in the rescue mission. It proved people could work together to find solutions to the dangers of space travel.

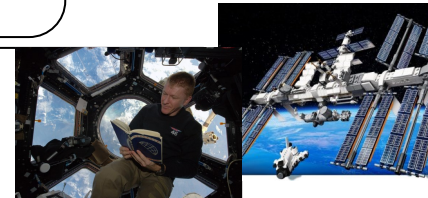
Lesson 3 & 4: Helen Sharman



Born 1963, Helen Sharman was the first British Citizen to travel space and also to visit the Mir Space Station.

Lesson 3 & 4: Why is this picture significant to British history?

- He was the first British astronaut to go to the **ISS** (International Space Station).
- He stayed in space for six months.
- He is reading a book called **'Road to the Stars'** which is an **autobiography of Yuri Gagarin** (the first human to journey into space).
- This book was given to **Helen Sharman** when she became the **UK's first astronaut in 1991**
- Some 24 years later when **Tim Peake** was selected as an **ESA astronaut**, **Sharman** lent him the book.



Key Vocab

exploration, astronaut, cosmonaut, interstellar, international space station, interplanetary, satellite

Lesson 5: How has space exploration changed over time and how can we find out?

1952: British Space Programme officially began.

1971: British Prospero satellite launched on a British Arrow launch vehicle.

1989: Helen Sharman entered a competition to become the first British astronaut in space. After 18 months of training, Helen was part of a Russian mission to the MIR space station in 1991.

2010: UK Space Agency is set up.

December 15th 2015: Major Tim Peake flew to the International Space Station to begin a 6-month mission.

June 18th 2016: Major Peake is back on earth after a historic stay at the International Space Station.