THE SPACE RACE

Take an awe-inspiring journey through space history!

Blast off with the first rockets, walk on the Moon with Neil Armstrong in 1969, and float around the International Space Station in *The Space Race* by Sarah Cruddas.

It’s not just history, though – more people are exploring space now than ever before. Find out what they’re doing, where you can book yourself a space holiday, and how scientists plan to live on Mars.

Includes an inspiring foreword by Eileen Collins, the first female Space Shuttle Commander.

Enjoy three fun activities based on the book!
To travel to space, you need a powerful rocket. While rockets are modern inventions, the ideas behind them are thousands of years old. **Design your own rocket to get you to space.**

**How rockets work**

The basic principles behind rockets are fairly simple. Burning rocket fuel releases gases that push the rocket skywards. To work, the rocket has a hole in the base for the gas to escape from, and a smooth, shaped top so that it can easily glide through the air and not be slowed down.

**Reaction**

The rocket reacts to the power of the gas being pushed out of the back by moving upwards.

**Action**

Pushing the gas out of the bottom of the engine makes the rocket move forwards.

Based on *The Space Race* by Sarah Cruddas
After the Moon landing on 20th July 1969 humans had many more adventures in space. How much do you know about space travel? **Try this true or false quiz to test yourself.**

1. **Voyager 2 launched into Space before Voyager 1**
   - True
   - False

2. **Eileen Collins was the first female Space Shuttle Commander**
   - True
   - False

3. **Out of every human that has ever existed, only 12 have walked on the Moon**
   - True
   - False

4. **The Space Race book was the first British children’s book to travel to space**
   - True
   - False

5. **The last Apollo mission was Apollo 13**
   - True
   - False

6. **Aquanautes is the nickname for the astronauts who live in an underwater base called Aquarius**
   - True
   - False

7. **LEGO® Minifigures have been to Jupiter**
   - True
   - False

8. **The Soviet Union’s space station was called Mir, which means ‘hope’ in Russian**
   - True
   - False

Find some clues on the front of this booklet!
One day in the future, people may be able to board a spacecraft to go on a holiday to another planet. **Design a poster to show people why they should go to Mars on their summer holiday.**