

# Pye Bank CE Primary DSAT Knowledge Organiser

YEAR 2

SPACE EXPLORERS

HISTORY

## KEY VOCABULARY



**Explorer:** a person who explores an unfamiliar or new area.



**Astronaut:** An astronaut is a person who is trained for travelling in a spacecraft.



**Significant:** something that is significant is important or shows something.



**Gravity:** The force which pulls everything to the ground.



**Lunar:** Related to the moon.



**Orbit:** The circling path around the Moon, Earth and Sun.



**Crater:** A huge hole on the moon's surface.

## KEY VOCABULARY – Moon landing

**Apollo 11:** The whole spacecraft.

**Saturn V:** Launch rocket for Apollo 11.

**Module:** One complete part of the spacecraft.

**Eagle:** Apollo's lunar module, the part that landed on the moon's surface.

**Columbia Command Module:** The spaceship that separates from the Eagle and waits.

**Stage A:** Section of the rocket that might not always be needed.

**Dock:** To link or join spacecraft together.



Apollo 11



Columbia Command Module



Eagle

## STICKY KNOWLEDGE



1. In 1946 CE the first US designed rocket reached the edge of space.
2. Yuri Gagarin was the first man in space.
3. Valentina Tereshkova was the first woman in space.
4. Neil Armstrong and Buzz Aldrin were the first men to walk on the moon.
5. Helen Sharman was the first British astronaut.
6. She was born in Grenoside, Sheffield.

## THE FIRST MOON LANDING

- Apollo 11 was the first mission that achieved a crewed moon landing.
- The Apollo 11 spacecraft flew at 24,236 miles per hour.
- It took the spacecraft 76 hours to reach the moon.

Neil Armstrong (5/8/30-25/08/12 )

Military Pilot.

Astronaut and Professor of engineering.

First person to walk on the moon. Famous for saying "It's one small step for man, one giant leap for mankind"



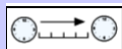
Buzz Aldrin(20/01/30-to present)

Astronaut and pilot Buzz was the second man to step onto the moon. He flew in the Apollo 11 with Neil Armstrong.



## HELEN SHARMAN

- Helen Sharman became the first British astronaut in May 1991.
- She spent 8 days orbiting Earth.
- The mission was named Project Juno.
- In space she had to carry out different experiments.
- She also took some seeds into space with her that she brought back to Earth for British school students to use as part of a UK-wide experiment to investigate the effects of space travel on the seeds.



**Time Line:** A timeline shows when things happened over a period of time.

