



# Topic Overview

## Year: 5 Autumn 1

### History

The children will learn about the history of space travel and the space race, and start to order significant events on a timeline to build up a picture of the history of space travel.

They will investigate the importance of the 1969 moon landing in the space race and learn how space exploration has been an important part of the history.

**Children will understand the chronology of space travel through creating a timeline**

### Science

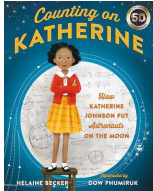
They will describe the movement of the Earth and other planets, relative to the sun in the solar system and describe the movement of the moon relative to the Earth.

The children will understand that the Sun, Earth and Moon are approximate spherical bodies.

They will use Earth's rotation to explain day and night. They will be able to explain the apparent movement of the sun across the sky.

**The children will create a fact file about our solar system to share with their Buddies.**

### Space Race

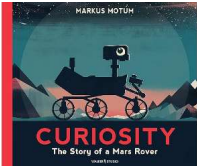


Wow starters: We'll understand what it would be like to go to space; the sights, sounds and feelings.

Outcome: To understand the chronology of the space race and how it relates to us.

Celebration: We will visit the STEM Discovery Centre to get our topic started.

### English



The children will be preparing to write 1st person narrative about a part of our book 'Curiosity'; they will explore the text in detail including settings and character feelings. They will understand how adding a detail to expanded noun phrases will enhance their writing.

We will also read biographical accounts about significant women in the space race.

**The children will write their own biographical account.**

### DT

The children will design, develop and make a pop-up book.

They will understand the use of the mechanisms; levers, pop-up and sliders, and assemble the components necessary for all their mechanisms.

They will hide the mechanical elements with more layers using spacers.

They will use a range of mechanisms and structures to illustrate their story and make it interactive for the users.

**The children will produce their own pop up book with a space theme.**

### Discrete subjects

- Maths – Tenths, hundredths, thousandths.
- Addition and subtraction (money)
- RE – Creation and Covenant
- Catholic Social Teaching – Care of Creation
- PE – Basketball and gymnastics
- Computing – Coding
- Spanish – Transport
- RSE – Created and loved by God
- Music - Sea shanties, beat, rhythm