

### Science

Describe the movement of the Earth and other planets relative to the Sun in the solar system and The Moon relative to The Earth.

Use Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.

Study - Margaret Ebnuluwa "Maggie" Aderin-Pocock - female black astronomer.

Explore the effects of gravity and friction, including air and water resistance.

### ICT/Computing

- Coding/de-bugging
- Website design
- E-safety - Use technology safely, responsibly and respectfully

### Geography

- Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features and land use patterns and understand how some aspects of changed over time.

### English

#### Grammar

Clauses - main, relative, embedded

Modal Verbs

Passive Voice

#### Mystery stories

Kidnapped - Children will produce their own mystery stories based on the story written by Pie Corbitt

#### Non-chronological reports

Children will research and create a report on our class topic of Space

#### Explanation texts

Children will create their own explanation texts about a product of their own design that could be used in space travel.

### Other Texts/Resources

A range of general non-fiction space books

Space - Louie Stowell

Hitchhiker's Guide to the Galaxy

The Maths Devil

## Year 5 Curriculum Overview

# SPACE

## The final frontier



Trip to Greenwich observatory

### PE

- Friday



### PSHE

Smart Thinking

#### SEAL New Beginnings:

Belonging, self-awareness, understanding my feelings, understanding the feelings of others, managing my feelings, social skills, making choices, understanding rights and responsibilities.

### History

The space race and the first people in space.

Focus on

- Yuri Gagarin
- Neil Armstrong

Sources relating to the space race as part of the cold war.

### Religious Education:

- Buddhism

### Music

Composition using a range of instruments

Rhythm - the different types of notes (crotchet, minim, quaver and semibreve)

### DT/Art

Use a range of media to create a space picture (including marbling, collage and paint)

Designing and creating moon buggies

### Maths

Data handling - line graphs and pie charts.

Time and measure problem solving

Decimals, fractions and percentages.

The 4 operations (  $\times$  -  $+$   $\div$  )

Number and place value