

Literacy Key texts we will study:

- The Astronaut's Apprentice - Philip Threadneedle
- The Astronaut's Apprentice book 2 - Philip Threadneedle
- Curiosity: The Story of a Mars Rover - Markus Motum

History As historians we will consider how travel to space has changed over time, the space race between USA and USSR and the impact this has had on Britain and the wider world.

Geography We will learn all about France. We will locate countries that border France, look at the seas around the coastline, research French culture and main cities and explore the climate across the country. We will look at longitude and latitude as well as prime meridian

PE – Team games, badminton, dance and swimming

In team games, we will explore the skills involved in netball and basketball. We will focus on passing and moving to evade opponents and looking at tactics to outwit the opposition. In badminton, we will learn a variety of strokes and decide which is best at a given moment. We will also discuss what happens to our bodies during exercise and the importance of exercise on our bodies. In dance, we will combine movements into sequences whilst focusing on maintaining balance and control. When swimming, we will use a variety of strokes (front crawl, breast stroke, back stroke) to swim a distance of 25m.

Art and DT

Art – As artists we will consider the work of David Hardy (Astro Art) and Peter Thorpe (Space Art). We will use these works as inspiration to develop our own pieces of art developing our drawing and painting skills as part of the process.

DT – We will learn about Eduardo San Juan (Moon buggies). We will design, construct and evaluate our own moon buggy using measuring, joining and sawing skills.

Science – Earth & Space / Forces

As scientists we will:

- Describe the movement of the Earth and other planets relative to the Sun in the solar system
- Describe the movement of the Moon relative to the Earth
- Describe the Sun, Earth and Moon as approximately spherical bodies
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky
- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- Identify the effects of air resistance, water resistance and friction that act between moving surfaces

Computing – Mars Rover We will explore inputs and outputs as well as binary numbers to understand how the Mars Rover transmits and receives data and how scientists are able to control it to explore another planet. We will learn how the Mars Rover sends images back to Earth and create our own pixels pictures.

Music – blues We will learn about the origins of blues music and how it affected modern music. We will learn about singing in tune and using expression to convey meaning as well as understanding different blues notes.

Modern Language- French We will develop our French pronunciation focusing on certain letters and sounds before moving onto saying what items they 'like' and what they 'do not like'.

Enrichment

We will visit the observatory at Greenwich.

Year 5 Term 1 and 2

What would it feel like to be in space?



RE – Sikhism & Christianity

Theme: Belief into action & Christmas

Key Questions: How far would a Sikh go for his/her religion? Is the Christmas story true?

PHSE We will reflect on how we protect our own and other's hearts. We will think about the choices we make and who we can turn to for help.