

Literacy

Key texts we will study:

- Astronaut's Apprentice by Philip Threadneedle
- Orbital by Samantha Harvey

Topic

As historians we will consider how travel to space has changed over time and the impact this has had on Britain and the wider world.

As geographers we will explore the country of France and its locality to the UK. We will explore countries that border France. We will learn about the Greenwich meridian and time zones.

PE – Cricket/OAA/Gymnastics/Fitness

In cricket, we will look to consistently show confidence in using equipment in various ways and can link these together and consistently use skills with co-ordination, control and fluency.

In OAA, we will use and interpret simple maps as well as thinking activities through and problem solve using general knowledge.

In gymnastics and fitness, we will develop strength, technique, flexibility and co-ordination throughout performances and look to apply combined skills accurately and appropriately, consistently showing precision, control and fluency.

Computing – Computing systems and Networks/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.

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), Mary Sherman Morgan (rocket fuel) and Jeanne L Crewes (space bumper). We will design, construct and evaluate our own moon buggy.

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.

Science – Earth & Space / Forces

- 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

Music Blues/ Young voices

We will explore different types of music and compare with others we have experienced. We will create our own pieces and play as part of a group and individually. We will spend time practicing our songs and dances ready for the Young Voices concert.

Modern Language- Spanish

In Spanish, we will learn numbers to be able to tell the date, learn the names of animals and discuss the weather.

Enrichment

Parents invited in to support a science lesson

Greenwich Observatory Visit – term 2 (TBC)