

Year group 5

Term 3

Space and Explorers



English

We will be engaging in the text *Hidden Figures*; a retelling of the story of three African-American women who worked as computers to solve problems for engineers and others at NASA.

Our class reader for this term will be 'Cosmic', which we shall use to help us to write our own sci-fi stories.

PSHE

We will be looking at cultural differences and racism. We will explore differences between our lives and the lives of people in other cultures. We will also learn about different types of bullying and explore strategies for dealing with situations involving bullying.

Maths

We work on multiplication and division skills, focussing upon: multiples; factors; prime; square and cube numbers.

We revise Year 4 area and perimeter concepts. We apply this knowledge of measuring and finding perimeter to find unknown side lengths.

Geography

We look at ways geographers locate and describe locations, using longitude and latitude. By looking more closely at the lines of longitude, we develop an understanding of time zones. We compare and contrast the Poles and focus upon the famous explorer Sir Ernest Shackleton's Antarctic expeditions.

ICT

We will learn how to create short videos by working in pairs or groups. As we progress through this unit, we will use topic-based language and develop the skills of capturing, editing, and manipulating video.

Art

We will be looking at a range of images of the universe and investigating how we might recreate these using art skills and knowledge. We will find out about Paul Van Hoeydonck's 'Fallen Astronaut' sculpture and design our own personal monuments.

Science

In our 'Earth and Space' unit, we describe the movement of the Earth, and other planets, relative to the Sun. We explain day and night and the apparent movement of the Sun across the sky through the idea of the Earth's rotation. We describe the movement of the Moon relative to the Earth.

**Resilient
Independent
Inquisitive
Global citizens**

PE: In dance on a Tuesday, we think about how to use movement to explore and communicate ideas and issues, and own feelings and thoughts. In tag rugby on Wednesday, we develop key skills and principles such as defending, attacking, throwing, catching, running and dodging.

In Spanish, we learn about weather and seasons.

In music, we will be having a change of tempo and studying pop ballads.