

Year 5 Spring Term Overview

Reading

In the Spring Term, children will be reading *Cosmic* by Frank Cottrell and *Floodland* by Marcus Sedgewick. Pupils will understand what they read by exploring the meaning of words in context; drawing inferences and justifying inferences with evidence; predicting what might happen from details stated and implied; summarising the main ideas drawn from more than one paragraph and identifying key details that support the main ideas; and identifying how language, structure and presentation contribute to meaning.

Writing

In Spring 1, our writing will be based on Space. Our first piece of writing will be writing a narrative based on the book 'Cosmic'. Our second piece will be a journal about a 'Mars transmission' drawing inspiration from different sources.

In Spring 2, our first piece of writing will be linked to our geography topic 'The Oceans' with the focus of looking at the impact of plastic pollution and writing a persuasive speech to encourage others to make small changes to their everyday uses of plastic. The second piece of writing will be writing a fantasy story in the same style as 'The Zoo' and.

Maths

In the Spring term, we will cover the following topics:

- Multiplication and division
- Fractions
- Decimals and percentages
- Area and perimeter
- Statistics

Reasoning and problem-solving skills will be developed throughout every unit of learning.

See the webpage linked below for the full Year 5 overview of our Maths curriculum.
<https://whiteroseeducation.com/resources?year=year-5-new&subject=maths>

History

How did the Maya civilisation compare to the Anglo-Saxons?
Children will compare the Maya and the Anglo-Saxons whilst learning about the Maya civilisation. Pupils will investigate how the Maya settled in the rainforest, their religious beliefs, homes and what archaeological remains tell us about Maya cities and how their civilisation declined

Religious Education

How did the first five Sikh Gurus shape Sikhism?
Children will how the first five Sikh Gurus shaped Sikhism and how the religion developed under each guru. They will learn what Sikh practices today are influenced by the teachings of the Gurus, that The Guru Granth Sahib is the 11th living Guru and the importance of equality in Sikhism.

Science

Earth and Space

Children will explore the movement of celestial bodies in the Solar System, the children learn about the Earth, other planets and the Moon, discover how the Earth's rotation causes night and day, understand how sundials work and investigate satellite uses and the issue of space junk.

Life cycles and reproduction

Pupils will be able to describe the life cycles of: - plants, mammals, birds, amphibians and insects. They will also be able to compare these life cycles and describe asexual reproduction in plants.

Geography

Why do Oceans matter?

In geography lessons, pupils will describe the water cycle and how the ocean is used for human activity. They will be able to explain how the oceans help to regulate the Earth's climate and temperature. Children will also study the Great Barrier reef and the impact humans have on oceans

What happens in churches during Lent, Holy Week and Easter Sunday?

Children will learn the meaning of the core concept: Salvation. Pupils will know and remember the churches rituals linked with Ash Wednesday and the services during Holy week. They will understand what these rituals mean to a believer.

Art & Design

Drawing:-I need space

Children will explore the purpose and impact of images from the 'Space race' era of the 1950s and 60s; developing independence and decision-making using open-ended and experimental processes; combining drawing and collagraph printmaking to create a futuristic image.

Design

Technology Building Bridges

Children will be able to recognise which shapes and designs are stronger and build their own truss bridge.

Music

South and West Africa

Children learn 'Shosholozza', a traditional South African song and play the accompanying chords.

Loops and remixing

In this engaging topic, children learn about how dance music is created, focusing particularly on the use of loops.

PSHE

Health and Wellbeing

Pupils will learn how to take greater responsibility for their health and wellbeing
Citizenship

Children will learn about the justice system; how parliament works; and the role of pressure groups; learning about rights and responsibilities, the impact of energy on the planet and contributing to the community

Computing

Data handling

Children will identify some of the types of data that the Mars Rover collects and explain how it transmits the data back to Earth

Online safety

Children will learn how to be safe online.

