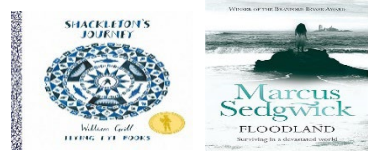


## Year 5 Spring Term Overview

### Reading

In the Spring Term, children will be Shackleton's Journey and Floodland by Marcus Sedgwick. 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 is linked to snow. Our first piece of writing will be writing a narrative based on the film 'The Snowman'. Our second piece will be a diary entry drawing inspiration from the Antarctic explorer Robert Falcon Scott.



In Spring 2, our first piece of writing will be writing a fantasy story in the same style as 'The Zoo' and our second 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.

### 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

### 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

### Religious Education

How did the first five Sikh Gurus shape Sikhism?

Children will learn 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 11<sup>th</sup> living Guru and the importance of equality in Sikhism.

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 church rituals linked with Ash Wednesday and the services during Holy week. They will understand what these rituals mean to a believer.

### Science

Materials – mixtures and separation

Children will explore mixtures, sieving, filtering, dissolving and evaporating. Pupils will be able to define these terms and explain when sieving, filtering and evaporating should be used.

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.

### Art & Design

Portraits

Children will develop skills in creating interesting portrait drawings using words, experimenting with materials and techniques, and constructing self-portraits that represent aspects of themselves

### Design Technology

Monitoring Devices

Apply Computing knowledge and understanding to program a Micro: bit animal monitoring device.

### Music

South and West Africa

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

Holi festival

Children will explore the associations between music, sounds and colour.

### PSHE

Families and relationships

Developing an understanding of families, friendships and our individual positive attributes.

Health and Wellbeing

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

### 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

Programming – Music

Applying programming skills to create sounds and melodies leading to a battle of the bands performance.

