

# Year 5 Summer Term Overview

## Reading

In the Summer Term, children will read a series of short extracts from different books to enable them to explore them in greater detail and be able to answer more challenging questions. During daily reading lessons, the children will be given opportunities to participate in paired, small group and whole class discussions, which will include having to 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 Summer 1, children will read 'Nowhere Emporium' by Ross MacKenzie which is a fantasy story. The children will then use their learning chunks to help them to write their own fantasy story. For our second piece of writing, we will study the work of David Attenborough in order to write a biography on him.



In Summer 2, the children will explore the video clip, 'One small step', to write their own adventure story. They will also look at a poem by Valerie Bloom, 'the most dangerous animal in the world,' in order to rewrite their own poem.

## Maths

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

- Shape
- Position and direction
- Decimals
- Negative numbers
- Converting units
- Measurement and volume

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

### Ancient Islamic Civilisation

In our history lessons, children will track the development of the great Islamic city of Baghdad including trading practices and everyday life and compare it with contemporary cities in Western Europe. Children will also learn about the spread of Islam through the Middle East and beyond and the legacy of and continuing influences of early Islam.



## Religious Education

### What does it mean to live as a Hindu?

This unit looks at Hindu beliefs and practices, focusing on the key question of 'What does it mean to live as a Hindu?'. Through key life events, pupils will consider how Hindu beliefs about life, death and re-birth, shape the way in which a Hindu might live. It is useful to think of the Hindu view of life as a journey that encompasses different stages.

### Understanding Faith in Ruislip

Children will investigate the faiths and beliefs in the local community and the wider borough / county. They will consider how and why these communities in the borough have changed over the past 50 years. Children will find out more about how faith groups work in partnership with each other and the local community and how life in the borough / county has been enriched by the diversity of the faiths and beliefs that make up the borough / county

## Science

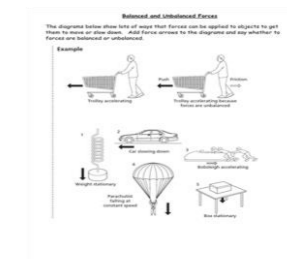
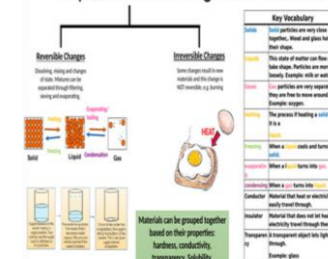
### Properties of Changes

In this unit children will explore the properties of materials in relationship to their hardness, transparency and conductivity linking this to their uses. They will also demonstrate reversible and irreversible changes that can happen to these materials.

### Unbalanced forces

In this unit children will investigate friction, air resistance, water resistance gravity and the effects of these. They will also describe the effects of levers, pulleys and simple machines on movement

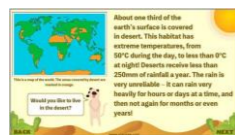
#### Properties and Changes of Materials



## Geography

### Would you like to live in the desert?

Children will explore hot desert biomes and learn about the physical features of a desert and how humans interact with this environment



## Art and Design

### Architecture

Children will investigate the built environment through drawing and printmaking. They will learn about the work of architect Zaha Hadid, creatively present research on artist Hundertwasser and explore the symbolism of monument design. They will also use Sketch up to design their own building.

## Design Technology

### Textiles – Stuffed toys

Children will design a stuffed toy and make decisions on materials, decorations and attachments (appendages), after learning how to sew a blanket stitch.



## Music

### Looping and remixing

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

### Musical Theatre

Children will be introduced to musical theatre, learning how singing, acting and dancing can be combined to give an overall performance.

## PSHE

### Citizenship

Children will be introduced to 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.

### Safety and the changing body

Children will explore the emotional and physical changes of puberty, including menstruation. They will also learn about online safety, influence, strategies to overcome potential dangers and how to administer first aid to someone who is bleeding.

## Computing

### Creating media: Stop motion animation

Children will storyboard ideas, take photographs and edit to create a video animation.

### Skills showcase: Mars Rover 2

Children will learn about pixels and binary, create a pixel picture and save a JPEG as a bitmap to understand the transfer of image data. Children will learn about the 'fetch, decode, execute' cycle and its real-world applications while beginning to use 3D design tools.