



## Year 4 and 5 overview: Going Global

### Overview

This half term, the children will explore the wider world through their Geography learning, with links woven throughout their Guided Reading sessions. Their Science unit will focus on animals, including humans, where they will investigate skeletons, diets, and how bodies function.

In Design and Technology, the children will study different types of bridges and the engineering principles behind them, leading up to designing and constructing their own bridge models.

As we approach Christmas, the children will learn about why this season is significant for Christians. Their learning will support preparations for our festive celebrations, culminating in a Carol Concert at the church.

## Learning Intentions (We are learning to...)

The National Curriculum provides a series of 'learning intentions' which detail the most important skills and knowledge children need to develop in the core subjects (Mathematics, English and Science) and foundation subjects (History, Geography, Music, PE, Art and Design, Computing and Design and Technology). In each learning session, the learning intention and success criteria is shared with all children, in order to give the children a sense of purpose and understanding of what they are learning. The National Curriculum also promotes the spiritual, moral, social and cultural development of children, and within this, the 'fundamental British Values'. Our Church of England link is evident through our worship and Christian values embedded across the school. This allows children to prepare for the responsibilities and experiences of adult life. For this reason, in Year 4/5, we approach learning by making links between the subjects and activities, ensuring that the children can take on additional responsibilities where appropriate and have influence in certain areas.

### English

**Focus: To inform through biographies and to entertain through narrative writing.**

At the beginning of this half term, pupils will focus on key female scientists, including Mae Jemison and Mary Anning, to write a biography using features of non-fiction texts.

They will then move on to a narrative unit based on *The Promise* by Nicola Davies and Laura Carlin. During this unit, pupils will develop their use of expanded noun phrases, fronted adverbials, and relative clauses, while considering the purpose of their writing and the intended audience.

Throughout both units, pupils will be encouraged to edit and improve their own compositions, focusing on punctuation, spelling, and clarity of meaning.

### Mathematics

**Focus: Multiplication and division, area and perimeter.**

During the first half of the term, pupils will develop their understanding of multiplication by learning and applying a range of methods to support their recall of times tables. They will use these skills to tackle problem-solving and reasoning tasks and will also explore prime, square, and cube numbers.

In the second half of the term, pupils will focus on length, perimeter, and area. They will learn how to measure and calculate perimeter, before moving on to calculating the area of rectangles, as well as compound and irregular shapes.

### Science -

**Focus: Animals Including Humans**

The children will develop an understanding of how the body works. They will investigate the digestive system, learning the role of each organ and how food is broken down and absorbed. As part of this, pupils will examine different types of teeth, their functions, and how they relate to diet. They will make predictions, carry out practical experiments, and record observations to develop their scientific enquiry skills.

After this, pupils will study food chains, identifying producers, predators, and prey. They will learn how energy is transferred through a food chain and explore how living things depend on one another for survival.

### French

The children are becoming French speakers by learning basic phrases and nouns with the aim of gaining a solid foundation before progressing to more ambitious units.

### P.E.

#### Gymnastics and Hockey

Pupils will develop gymnastics skills, travelling, balancing, rotating, and controlled jumps, linking actions into sequences and improving strength, flexibility, balance, and control. In hockey, they will practise dribbling, passing, receiving, and shooting, work as a team, move into space, and apply basic rules in small-sided games, building confidence and coordination.

### Music

First Access ukulele.

In music the children will learn to play the ukulele. They will begin to recognize chord symbols and hear when a chord changes. The children will explore stringed instruments. They will listen to music by The Ukulele Orchestra of Great Britain and Ludwig van Beethoven.

### Geography Position and Significance of Places in the World.

The children will develop their understanding of the world's geography by learning about the position and significance of key lines of latitude and longitude, including the Equator, the Northern and Southern Hemispheres, the Tropics of Cancer and Capricorn, and the Arctic and Antarctic Circles. They will also explore the importance of the Prime Meridian and time zones, including how these relate to day and night. Children will use a range of maps, atlases, globes, and digital mapping tools to locate countries and describe their features. They will build their geographical skills by using four-figure and six-figure grid references to interpret and communicate spatial information, developing a clearer understanding of their place in the wider world.



### DT - Bridges

The children will learn how structures can be made stronger and find out about different types of bridges including bridges using: suspension, pillars and beams, arches and trusses. The children will design and make their own bridge using the design brief and test their final models

### PSHE

To reflect on their personal identity, values, and responsibilities, understanding rights and responsibilities within the school, community, and wider society. They will explore how choices and actions affect others locally and globally.

### Religion and Worldviews: - What is the Trinity?

In this unit, pupils will find out about the baptism of Jesus and where this is found in the Bible. They will study the text in detail and find out about what it means for Christians today. They will investigate how Christians show their beliefs about God and the Trinity and how following God might sometimes feel hard for believers.

### Reward Systems

Dojo points are awarded to celebrate good behaviour and learning. These points will either be collected weekly, or until a goal amount is achieved and then the children will have a treat (usually an activity that they enjoy). Each week, children are also considered for an Achiever of the Week certificate which is awarded in Friday's celebration worship where we enjoy celebrating the achievements of others in or out of school. Each term, children will be considered for Head Teacher's awards.

### Half Termly Christian Value and Spirituality

This half term, children will explore the Nativity story, reflecting on the themes of Hope, Joy, Peace, and Love. They will also consider the importance of Remembrance, observing two minutes' silence to show respect. Through these activities, children will engage with their own and others' experiences, providing opportunities for reflection and spiritual growth. The learning acts as mirrors (reflecting their own lives), windows (offering insight into others' beliefs and traditions), and doors (inviting them to explore new perspectives and ideas).