

### Mathematical Skills

I can...

- Recognise the place value of each digit in a four-digit number
- Compare and order 4-digit numbers
- Round numbers to the nearest 10/100/1000
- Read Roman numerals to 50 and know that the numeral system changed to include the concept of zero
- Use column method for addition and subtraction
- Calculate area of rectilinear shapes

### Geography

Children will extend and develop their existing understanding of geographical knowledge, including human and physical geographical features, by exploring the weather in the UK and other countries.

#### Key Skills

- I can describe and understand key aspects of physical geography including climate zones and how these conclusions link to the weather in different places.
- I can use atlases, globes, Ordnance Survey maps and digital technology to locate and describe what places are like.
- I can carry out geographical fieldwork to observe, measure and record the weather in my local area.

### Design and Technology

Children will apply their knowledge about electric circuits that they acquire in science in a purposeful way by designing and making a simple torch considering how it can be controlled by designing and making their own switch.

#### Key Skills

- I can identify the suitability of materials ensuring they are fit for purpose.
- I can evaluate the torch against the design specification and the needs of the end user.

### Computing

Children will further develop their coding skills with 'Scratch'. They will use their skills to create their own multiplication quiz game.

#### Key Skills

- I can create use a simple script in Scratch.
- I can use decomposition to identify key features and understand how to decipher actions.
- I can understand what a variable is and how it works within a program.



## Curriculum Map

YR: 4

Term: Autumn

### Key Texts

#### English

**Writing to entertain** – story writing, playscripts, poetry

**Writing to inform** – instructions, non-chronological reports

Some of the books studied in English and Reading sessions will include

- Agent Asha
- Malala's Magic Pencil
- George's Marvellous Medicine
- How to train your dragon

### RE

Children will learn to explore, question, and respond to the stories, teachings and experience of inspirational people and religious leaders from two religions – Sikhism and Hinduism.

#### Key Skills

- I can use religious vocabulary to describe key aspects of Guru Nanak's life and teachings.
- I can describe how Hindu people live by following cultural traditions and teachings set by leaders.
- I can make links between Sikh and Hindu beliefs.

### Science

During Autumn 1, children will learn about the digestive system and how our teeth play an important role within it. They will also investigate other animals' teeth and use their findings to identify what they eat. During Autumn 2, children will learn how to make complete circuits extending their knowledge of conductors and insulators, as well as investigating how to vary the current in a circuit.

#### Key Skills

- I can construct a simple electrical circuit identifying and naming the parts including cells, wires, bulbs, switches and buzzers.
- I can describe the simple functions of the basic parts of the digestive system in humans.
- I can gather, record, classify and present data in a variety of ways to answer questions.
- I can record findings using scientific language, drawings, labelled diagrams and bar charts.

### PSHCE

The children will further explore 'Black History'. They will learn about apartheid and the life of Nelson Mandela understanding how he has influenced our lives today.

### French

The children will learn appropriate vocabulary and phrases linked to the topic of 'Playtimes' during Autumn 1 and 'My home' during Autumn 2.

#### Key Skills

- I can recognise familiar words linked to my topic.
- I can repeat parts of French songs.
- I can spell familiar French words linked to my topic.
- I can write down phrases, sentences and questions linked to my topic.

### History

Children will learn how invaders shaped the history of the British Isles and develop reasons for and consequences of invaders and settlers. They will discuss what there was to admire about Anglo-Saxon and Viking achievements at sea and how it influenced future sea travel and exploration.

#### Key Skills

- I can use a wide vocabulary of historical terms and phrases relating to events and periods of time.
- I can distinguish between different sources.
- I can talk about the conflict between Anglo-Saxons and Vikings.

### Art and Design

Children will be given opportunities to investigate what a mosaic is through sharing modern and ancient mosaic art styles. They will explore how to make a mosaic and develop a mosaic of their own by using appropriate tools and techniques.

#### Key Skills

- I can evaluate a range of mosaics.
- I can develop and create a variety of shades, tones, and tints.
- I understand the impact of Henry Matisse's colour wheel.
- develop the technique of grouting and using adhesive to secure tiles to a material.
- I can evaluate my artwork.