

### 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 European 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

### Design and Technology

Children will learn how to build their own school weather station and how to take accurate readings from their instruments, enabling them to record temperature, rainfall, air pressure and wind direction

#### Key Skills

- I can examine weather stations and understand how they are used within meteorology
- I can create a design specification for a weather station
- I can test the suitability of a product by carrying out tests

### PSHCE

Children will learn about their responsibility to respect each other, and discuss the consequences of bullying both individuals and groups.

#### Key Skills

- I can give opinions and explain my views on issues that affect society
- I can recognise and challenge stereotypes
- I can recognise the risk in different situations and decide how to act responsibly

### Science

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 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.



## Curriculum Map

YR: 4

TERM: Autumn

### Curriculum Enrichment

Timepieces – A day in the life of a Saxon/Viking. Children will help to organise and take part in a historical themed day, using their prior learning and work to help them. Dress in historically accurate clothes, play games, work, travel, craft and eat like Saxons/Vikings.

## Saxons and Vikings

### Key Texts

#### English

**Narrative** (Stories with historical settings and plays)

**Non-fiction** (Newspapers, explanation and information texts)

**Poetry** (Creating images)

### Reading

Books studied in Reading sessions will include (but are not limited to)

- The Twits
- The Iron Man
- Cloud Busting
- How to train your dragon

### Mathematical Skills

I can...

- Recognise the place value of each digit in a four-digit number
- Read Roman numerals to 50 and know that the numeral system changed to include the concept of zero
- Use columnar method for addition and subtraction
- Estimate and use inverse operations to check answers
- Use derived facts to multiply and divide mentally
- Recall multiplication facts for the 6 and 9 times tables
- Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metre
- Solve problems involving mass, length and capacity
- Solve problems and reason using learnt skills and mathematical language

### History

Children will learn how invaders shaped the history of the British Isles, and develop reasons for and consequences of invaders and settlers. Children will develop a chronological understand of local, British and World history from a range of sources.

#### 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 show an understanding of significant turning points in British history.

### Art and Design

Children will explore and use shape, form, colour and pattern in relation to sculpture and use their skills to design a sculpture for a site in the school. Children will also explore historical pottery and create their own, based on a specific design and process

#### Key Skills

- I can record from first-hand observation and collect visual information to help develop ideas, using a sketchbook
- I can explore ideas for a site-specific sculpture
- I can design and make a piece of historical based pottery
- I can question and make thoughtful observations of how artists' work improves the quality of the environment

### Computing

Children will learn how weather forecasts are made to enable them to present their own weather forecast. Children will use the internet to research weather across the World and record information in a spreadsheet to assist them in presenting factual information.

#### Key Skills

- I can appreciate the importance of data in weather forecasting
- I can use specific language in search engines to gather data
- I can create a short video using green screen technology.

### 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.