

### Science – Rocks and Soils

To know and recognise the three different types of rock; Igneous, sedimentary and metamorphic. Know how to describe the properties of these rocks and categorise them by looking at different rock samples. Know and investigate different types of soil and the different layers of rock and soil on the Earth's crust. Know how fossils are formed over millions of years.

### Humans and animals

Know that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat. Know that that humans and some other animals have skeletons and muscles for support, protection and movement

### RE

**Journeys**– To know and understand about a journey through a year. Know and understand the Christian family's journey with Jesus through the Church's year

**Listening and Sharing**–To know that Jesus gives himself to us. Know and understand listening and sharing with one another and appreciate the importance of listening to the Word of God and sharing in Holy Communion.

**Giving all** – In this topic we will know Jesus' total giving. To know and understand how people give themselves. Know Lent is a time to remember Jesus' total giving

**PSHE** This term children will know how to love others and have wide class discussions about different types of relationship, different family units and what this might look like. Know what to do when relationships turn bad, with a focus on bullying and strategies to deal with and prevent bullying.

### Basketball

This term, the children will be developing their basketball skills by knowing how to keep control when changing direction, dribbling with alternate hands. Know how to keep possession to beat an opponent. Know how to move and receive the ball. Know that they need to use a range of **passes** (chest and bounce) to keep possession, and when to use them.

### Gymnastics

In gymnastics, they will work on their symmetrical balances and bridges on multiple pieces of apparatus and travel between them.

### Swimming

The Year 4 and Y3/4 classes will be swimming at Victoria Leisure centre for 8 weeks.

### DT: Mechanical systems- Making a slingshot car

In this topic the children will know how to use a range of materials, the children will design and make a car with a working slingshot mechanism and house the mechanism using a range of nets.

### Art: Drawing – Observational

In this topic the children will know the work of Georgia O'Keeffe. They will know how to draw detailed patterns and begin to develop sketching techniques including: hatching, stippling & contouring. They will know how to make close up observational sketches of aspects of natural objects.

## Year 4 Curriculum Map Lent 2025

### History: The Romans

In this topic, children will know the Romans invaded Britain and the impact they had on it. They will know about the Roman Army and their tactics to expand their empire.

### Geography: Rivers, Mountains & the Water Cycle Hydrology

In this topic the children will know how to locate rivers and mountains on a map. They will know about topographical maps and be able to order the water cycle and explain each stage.

### Maths:

- Multiplication and division
- Area
- Fractions
- Decimals

We continue to use the White Rose schemes of learning which are designed to support a mastery approach to teaching and learning, as well as to support the aims and objectives of the National Curriculum. The children in Year 4 also have a focus on learning times tables in preparation for the Multiplication Tables Check.

### English:

The children will know a range of genres, looking at their features and structure, leading on to planning, writing and editing their own version. The children will be using Romans on the Rampage book to know how to write to entertain. In the second unit, children will know how to write a non-chronological report on Severus Septimius (Roman Soldier).

### Computing – Programming

In computing they will know how to design and code their own maze tracing programme using 'Scratch'. They will know how to make characters move and build blocks to pass their characters through mazes.

### Music:

This term the children will know different music genres and know how to use their voices expressively and creatively by singing songs and speaking chants and rhymes. They will know the genres of Grime music and Soul /Gospel. The children will also continue to have weekly choir sessions led by Nottingham Cathedral.