

### Science – Chemistry – Changes in Material

This term we will be learning about the way in which substances react and change when exposed to different conditions. We will experiment with different ways in which we can separate substances, and will learn to independently plan, record and draw conclusions from our experiments. We will study reversible and irreversible reactions.

### Physics - Forces

In this unit we will be exploring how objects move under different conditions. We will study the effect of gravity on objects, including our planet. We will study the effect of air resistance, water resistance and friction on moving surfaces and how this scientific knowledge relates to transport and our planet. We will go on to look at how pulleys and levers operate and which forces are at play when they are working.

### RE

**Mission** – The children will learn about the mission of inspirational leaders, what the diocese do and the mission of Jesus. They will think about how they can live this out.

**Islam** – In this topic, we will be exploring the beliefs and festivals of the Islamic faith. We will particularly focus on the special times of Ramadan and Pilgrimage. The children will develop a respect for world faiths.

**Memorial Sacrifice** – During this topic, we will focus on the Eucharist sense of remembering. We remember that through this Christ gives his body and blood for the salvation of all people and provides hope for the future.

**Sacrifice** – The children will develop their understanding of Lent being the season when Christians focus on giving. There will be a special focus on the events of Holy Week.

### PSHE: Created to love others - Personal Relationships

In this topic, we will be thinking about the pressure that children can feel as growing up. The core knowledge taught will focus on: know the strategies that can be used to resist different forms of pressure; knowing the meaning of consent and bodily autonomy and how this can affect feelings; as well as knowing the effects of positive and negative self-talk.

### DT: Textiles - Waistcoats

Our topic will be waistcoats inspired by Islamic patterns artwork. The core knowledge taught will focus on: know how to generate and develop ideas through discussion and annotations as well as using a range of tools to perform practical tasks.

### Art: Sculpture – Interactive Installation

Children will be learning about interactive installations. The core knowledge taught will focus on: know that art installations are large sculptures made from mixed materials and they might make a viewer feel a certain way. This will be enhanced by an enrichment trip to Rufford Park so that the children can analyse sculptures.

## Year 5 Curriculum Map Lent 2023



### History: Early Islamic Civilisation

The children will be learning about how Islam began and how the Islamic Empire expanded. We will look at how the House of Wisdom had an impact on the world and the scholars and works that were created in the Islamic Empire's capital Baghdad.

### Geography: Biomes and Vegetation belts (Physical Geography)

The children will be learning about the key aspects of physical geography, including climate zones and biomes. The core knowledge taught will focus on: know that there are six types of biomes and identifying their key features and linking the biome's characteristics to its location.

### Maths:

- **Multiplication and Division**
- **Fractions, Decimals and Percentages**
- **Perimeter and Area**
- **Statistics**

This term Year 5 will focus their mathematical understanding on the areas above. They will be using their prior knowledge of the four operations to apply to their reasoning and problem solving.

### English:

#### Fiction: Writing to Entertain

Using the novel *The Boy at the Back of Class* as a springboard for discussion, we will create a 1<sup>st</sup> person account of a refugee who has arrived in England after leaving Syria. We will include a range of grammatical devices in our work, including relative clauses, expanded noun phrases and direct or indirect speech.

#### Non – Fiction: Non-Chronological Report

In this topic, we will be producing a non-chronological report about Early Islamic Civilisation. The purpose of this is to give information on the period of time with factual information.

### Computing: Programming – Selection in quizzes

We will be using the computer program 'Scratch' to identify and modify conditions. We will be looking at the 'if...then...else' algorithm in order to design a program with selected outcomes.

### French:

#### Food

This term, Year 5 will be focusing on comparisons. This will include comparing different types of food, building on our learning from Year 3/4.

### Music:

#### Make You Feel My Love & The Fresh Prince Of Bel-Air

This term we will be listening to different music genres and using our voices expressively and creatively by singing songs and speaking chants and rhymes. Alongside this, we will be focussing on rhythm and pulse using games and songs.