

### **Science – Forces**

- Explore gravity and the life and work of Isaac Newton.
- Examine the connection between air resistance and parachutes.
- Explore factors which affect an object's ability to resist water.
- Investigate the effects of friction on different surfaces.
- Investigate mechanisms – levers, pulleys and gears.

### **History and Geography**

#### **The Round City – Baghdad**

Islamic Civilisations 3

How was Baghdad connected with the rest of the world?

#### **Why is California so thirsty?**

How have the actions of people affected the drought in California?

### **French – On the way to school**

To listen to and follow simple and longer directions in French, To recite and use the French alphabet, To begin to understand liaison in French, To communicate the need for help, To understand and tell the time ('o'clock' and 'half past').

### **PSHE – Beginning and Belonging**

At the end of this unit most pupils will: • be able to collaborate with other children to develop strategies and approaches to help the classroom feel a safe and happy place to learn • know how it may feel to be in a new situation in different contexts, and have strategies for managing those emotions • be able to identify a range of people in their Network of Support, and know how to access help and support • have ideas for helping new people feel welcome, and be able to offer support to others who need help.

### **English**

Reading – Texts: Race to the Frozen North: The Matthew Henson Story by Catherine Johnson and Young, Gifted and Black by Jamia Wilson

#### Writing

Writing outcome: To write a series of diary entries about significant events in Matthew Henson's life.

Identify the audience for and purpose of writing • Organise paragraphs around a theme with a focus on more complex narrative structures • Use commas after fronted adverbials • Use commas to clarify meaning or avoid ambiguity in writing.

Spelling- Common exception words (revise yr3/4 words and begin year 5/6 words).



## **YEAR 5 Autumn 1**

## **We will be learning to...**

### **RE – Kingdom of God – What kind of king is Jesus?**

Explain connections between biblical texts and the concept of the Kingdom of God. Consider different possible meanings for the biblical texts studied, showing awareness of different interpretations. Make connections between belief in the Kingdom of God and how Christians put their beliefs into practice.

Relate Christian teachings or beliefs about God's Kingdom to the issues, problems and opportunities of their own lives and the life of their own community in the world today, offering insights about whether or not the world could or should learn from Christian ideas.

### **PE**

Outdoor adventurous  
Fun Fitness

### **Maths**

**Place Value:** Roman numerals to 1,000, Numbers to 1,000,000, Read and write numbers to 1,000,000, Powers of 10, 10/100/1,000/10,000/100,000 more or less, Partition numbers to 1,000,000

**Addition and subtraction:** Mental strategies, Add and subtract whole numbers with more than four digits, Round to check answers, Inverse operations (addition and subtraction), Multi-step addition and subtraction problems, Compare calculations, Find missing numbers

### **Music – At the Movies!**

Learning about the use of sound effects to movies • Exploring and using narrative structure • Composing sound effects to perform with a movie • Identifying changes in tempo and their effects • Exploring and understanding phrase structure of a song melody • Creating and performing a sequence of melodic phrases with a movie

### **Computing – We are game developers (1)**

In this unit, pupils will learn to: • create original artwork and sound for a game • design and create a computer program for a computer game, which uses sequence, selection, repetition and variables • detect and correct errors in their games • use iterative development techniques.

### **Art - Typography and Collage**

Exploring how we can create typography through drawing and design. FOCUS ARTIST: Hannah Hoch

OUTCOME: Strong bold drawings combined with collage. Ink and Pens