



## Chapter 5 Learning Journey

**English** This half term, we will be studying the Hound of the Baskervilles; both the graphic novel and the original text. We will consider how authors develop character through showing, not telling. The children will learn the difference between formal and informal tone. We continue to look at relative clauses, use of a semi colon and how to use commas to clarify meaning.

**Mathematics** In maths, we will be focussing on fractions and decimals. The children will order, round and compare fractions and decimals, building up to recognise and use thousandths, alongside dividing and multiplying fractions. We will then move onto looking at angles: acute, obtuse and reflex, and will use a protractor to measure and draw these different angles. We will think about angles within shapes and along straight lines and at a point.

**Science** This half term, we will be starting our topic by looking at friction and thinking what happens when friction is high or low. We will then be understanding the many forces that we encounter around us, including air resistance, water resistance and gravity. We finish our topic by looking at simple machines and how they use forces in these systems.

### **Humanities**

**In Geography**, the children will learn about 'Migration'. First, they will consider why people migrate, by choice or as refugees. Then, they will look at how patterns in migration can change places and reflect on the question 'Does it matter where you live?'

### **In History**

This half term, students will investigate the early Viking raids and invasions in Britain. Students will be immersed in stories about how the 'Great Heathen Army' defeated six Anglo-Saxon kingdoms, leaving King Alfred and Wessex to defend themselves through bribery. Students will learn about the history of Danelaw. The children will connect their understanding of Constantinople and Muslim trade routes to the Vikings and explore how they evolved as they settled in different parts of the world and interacted with various civilizations. Students will learn about women in Wessex and Mercia, with a focus on Aethelflaed, who grew up and subsequently governed as Lady of the Mercians in 911.

**Music** This half term the children will develop their performance skills. They will learn the keyboard from a choice of levels focusing on hand position, rhythm and timing and chord accompaniment. This project will also enable the children to practice their notation reading - particularly pitch.

**Computing** In this unit, pupils will use physical computing to explore the concept of selection in programming through the use of the Crumble programming environment. Pupils will be introduced to a microcontroller (Crumble controller) and learn how to connect and program components (including output devices- LEDs and motors) through the application of their existing programming knowledge. Pupils are introduced to conditions as a means of controlling the flow of actions and make use of their knowledge of repetition and conditions when introduced to the concept of selection (through the if, then structure).

### **Physical Education**

This half term, the children will be continuing Gymnastics. They will be focusing on pushing and pulling and will be exploring different techniques of jumping and rolling, creating sequences of jumps and balances, and using apparatus. They will participate in cross country. In Games sessions, pupils will continue to play different team game sports.

### **Spanish**

**Los Pasatiempos**- This half term, Year 5 pupils will focus on hobbies. They will learn hobby phrases and how to express preferences and reasons for why they like or dislike hobbies. Pupils will learn what hobbies Spanish children like to do in their free time and will conduct a class survey to find out what the most popular hobby is in the class. They will practise the 'j' phoneme and will practise using 1st person high frequency verbs and also 'I like' and the infinitive part of those verbs.

### **Art**

**Salvador Dalí** - Year 5 pupils will learn about the Spanish artist and designer Salvador Dalí. They will find out about surrealism and focus on recurring images which feature in surrealist artwork - eyes, clocks and shapes. Pupils will be focusing on the unusual portrayal of the clocks that are used in Dalí's work, and will be understanding the importance of them in his work. This cross curricular, creative project will link with Spanish lessons where associated vocabulary will be studied.

### **Religious Education**

This term, we will turn our studies to Christianity around the world: Britain, Greek Orthodox Christianity, and Christianity in South America. We will consider the importance of churches and how to 'read' them, as well as considering the role of art, music and architecture.

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