



Chapter 5 Learning Journey

English This half term, our topic is focussed on the book, *The Promise*, building up to writing our own Character Narrative. We will look at different types of nouns, modal verbs and will be recapping the use of adverbials. In reading, we will be reading a whole class reader, as well as Guided Reading and comprehension exercises relating to our writing topics. Our spelling focuses will be words ending in the prefixes -able, -ably, -ible, -ibly as well as near homophones.

Music High 5! This term Chapter 5 will discover the pentatonic scale and study how this is used in tonal structures of the traditional Asian music. They will learn the pentatonic scale and look at melodic compositional processes. They will apply their knowledge of pitch notation to compose a piece of music within the pentatonic structure. They will then apply their keyboard skills to tuned mallet percussion to perform them.

Physical Education This half term, the children will be participating in Orienteering. They will be learning how to use a map, identify landmarks and symbols on a map as well as working together to find checkpoints around the school grounds. Each course will also require the children to combine their Maths and English skills. The pupils will also participate in cross country. During games lessons, the girls will continue to develop their netball and hockey skills while the boys focus on football.

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).

Science This half term, we will be looking at if all animals develop in the same way. We will be thinking about the life cycles of birds, insects and amphibians. During this time, we will be thinking about the answers to questions such as 'How do birds care for their unhatched young.' We will then be learning about sexual and asexual reproduction in plants and animals.

Mathematics Year 5 start this half term revisiting the topic of fractions. We will be looking at fractions of quantities, adding and subtracting fractions as well as multiplying fractions, including ones with mixed numbers.

During this topic, we will also look at percentages, in particular looking at how to find a percentage of an amount and find the equivalent fractions and percentages. We will then move on to looking at transformations, including describing positions of shapes following a transformation or reflection, looking at coordinates on a four-quadrant grid. Throughout both topics, we will revisit problem solving and questions that involve word problems.

Humanities

In History this half term, we are learning about Norse culture. This unit includes a range of Norse sagas, including the Saga of Erik the Red, as well as learning about Loki, Odin, Thor and many more Norse gods. We will also learn about Viking longships. In Geography, we are going to be doing an in-depth study of North and South America. We will begin by locating these continents on a map, before moving onto studying a number of countries too, including Brazil. We will look at the favelas in Rio de Janeiro.

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 I like and the infinitive part of those verbs.

RE

This half term, Year 5 will be completing a local study of Mossley Hill church, considering how we can 'read' a church. We will then study a site further afield - the Cave Church in Cairo - before comparing the sites.

DT

Wind chimes. We will begin by doing market research to critically evaluate existing products before designing and making our own wind chimes. We will build our wood-working skills and think carefully about the materials we use, justifying our choices based on the design brief.

LC+

This half term in LC+, Chapter 5 will be learning how to debate on a variety of topics. They will be shown how to support their points using evidence and explanation as well as using persuasive language. They will also continue to do exercise in class with a range of keep fit activities. Chapter 5 will also be doing some foreign language activities based on Italian.

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