

Chapter 5 Learning Journey

English This term, we will be studying Henry's Freedom Box. We will be using this book as a starting point for writing diary entries and biographies. 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 reviewing Year 4 skills alongside a range of new spelling rules.

Mathematics This term, Year 5 pupils will follow the White Rose Maths scheme, developing their understanding of number and calculation. Children will build their place value knowledge by working with numbers up to 1,000,000, including comparing, ordering and rounding numbers. They will strengthen their addition and subtraction skills using formal written methods and apply these to solve multi-step problems. Pupils will also explore multiplication and division, learning about multiples, factors, prime, square and cube numbers. In the fractions block, children will identify equivalent fractions, convert between mixed numbers and improper fractions, and compare, order, add and subtract fractions with increasing confidence.

Science In Science this half term, we are learning all about properties and changes of materials. This unit is full of experiments, including testing materials for their electrical and thermal conductivity as well as observing a range of reversible and irreversible changes. The children will write up a range of these experiments, with a focus on how to keep the testing fair and how they would improve the experiment if they were to repeat it.

Humanities In History this half term, we will be learning about Islamic civilisations, more specifically about Baghdad, known as the 'round city' and how and why it was deemed by Al-Mansur to be the capital of the Muslim world. We will consider how the city was built and the land surrounding it. We will look to historians for evidence, considering how they rely on sources to build a solid picture of what life was like. In Geography, we will be completing an in-depth study of California to see why it is so thirsty, looking at the role of farming as well as the impact of almond growing the California Aqueduct.

Music The Building Blocks of Music Chapter 5 are discovering the music elements and vocabulary to use when analysing music. They are exploring this through class and group singing. They will be able to change musical elements to demonstrate understanding and in context.

Computing In this unit, we will look at computer systems and searching. Our key focus is on online safety whilst using a range of search engines to research answers to a range of questions. We will think

about the basic inputs and outputs of a computer system and begin to understand that components can work together to perform a task. Finally, we will explore how digital systems can work and learn about physical and electronic connections.

Physical Education This half term, the children will be taking part in gymnastics. They will be focusing on the topic of flight, primarily investigating different jumping techniques and performing routines where their bodies are off the ground. They will demonstrate floor work as well as working with apparatus. The pupils will continue to focus on invasion games and have the opportunity to play in competitive class games.

Spanish ¿Qué tiempo hace? This half term, Year 5 pupils will learn weather phrases, including the verb 'Hacer' and talk about the weather in different parts of Spain. They will learn numbers 1- 100, in order to be able to discuss the temperature and will also practise compass points. Pupils will watch and listen to Spanish weather forecasts and in groups, will create and present their own weather forecasts in Spanish. This will be presented to pupils in our Spanish link schools. Pupils will focus on the 'h' and 'll' phonemes and the grammar focus will be high frequency verbs and asking questions. Excellent apps for practising the topic at home are Duolingo and Droplets.

Art Year 5 pupils will be looking at Cityscapes, with particular focus on Charles Fazzino. They will begin by looking at how we can create distance in our art alongside thinking about how it is possible to create 3D effects. They will also look at silhouettes and will explore how to create the effect of reflections in water using watercolours. Finally, the children will have the opportunity to create their own cityscape using media of their choice.

Religious Education In RE, the children will be continuing their study of Islam, more specifically looking at stories from the Qur'an and Muslim tradition, including stories of the prophets. We will consider what Muslims learn from these stories, both in the past and today. We will consider any continuities and contrasts in stories within different faiths in the Abrahamic tradition.

LC+ This half-term the children in year 5 will be spending time looking at a range of brain teasers and puzzles and how to solve them. They will also be learning basic yoga throughout the term.

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