

Year 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 half term pupils will be working with large numbers to at least 1,000,000. They will be learning to: read, write, compare, order, count forward and backwards in powers of 10, rounding, add and subtract mentally, columnar addition and subtraction and solve multi step problems. Pupils will be deepening their number understanding, working with negative numbers, prime numbers, multiples, factors, roman numerals and solving problems involving all of these areas. Pupils also look at multiplication (including long multiplication) and division with increasingly large numbers (up to 4-digit numbers). Pupils will also be using their place value understanding to divide and multiply whole numbers and decimals by 10, 100 and 1000. Towards the end of this first half term pupils will look at shape; identifying 3D shapes from 2D representations and identify, describe and represent the position of a shape following a reflection or translation.

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 This half term is all about analysis. Children are discovering musical vocabulary and how to describe what they hear using Italian words. They are

discovering this through listening and performing in groups. Children are also developing their singing and ensemble skills. They are becoming musical leaders and guiding, leading tempo changes.

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.

PE 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 Los Deportes - This half term, pupils will focus on sports and opinions. They will pronounce cognate and other sports accurately from text, applying their phonics knowledge and will distinguish between masculine and feminine nouns. They will learn how to use a Spanish/English bilingual dictionary to look up unknown sports and will describe sports, using simple sentences with the verb 'tener'. Pupils will learn how to say which sports they like and dislike. They will use the preposition 'para' and will focus on the 'i' phoneme.

Art 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.

RE 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.

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