



Year 4 Autumn Curriculum

Introduction

Welcome to Year 4 at Homefield Primary School. Children begin the year by revisiting key Maths and English skills from Year 3 before starting their first topic – electricity. We will focus on Homefield's school values to ensure a positive start, while recapping how to use learning apps such as Numbots, TT Rock Stars, Emile and Accelerated Reader. Times tables are a major focus in Year 4, with pupils preparing for the Multiplication Tables Check in June through songs, rhymes, dances and games.



Maths

In Maths this term, children will deepen their understanding of place value by working with numbers up to four digits. They will practise counting in multiples of 6, 7, 9, 25 and 1,000, compare and order numbers beyond 1,000, and round to the nearest 10, 100 or 1,000. They will also read Roman numerals to 100 and learn how the number system developed to include zero and place value.

In addition and subtraction, children will use written methods for numbers up to four digits, solve two-step problems, and check their answers using estimation and inverse operations.

They will also explore area by finding the size of rectilinear shapes through counting squares. In multiplication and division, pupils will continue to practise all tables up to 12×12 , use factor pairs and commutativity in mental calculations, and apply known facts to solve problems, including multiplying three numbers together.



Literacy

Pupils will develop their writing skills by exploring and producing extended pieces across a variety of genres. These will include a narrative inspired by Twisted Fairy Tales, poetry, a report on digestion, instructional writing linked to DT, a persuasive letter, and a journal based on A Boy Called Christmas. Along the way, they will learn how to draft, re-draft, and edit their work effectively.

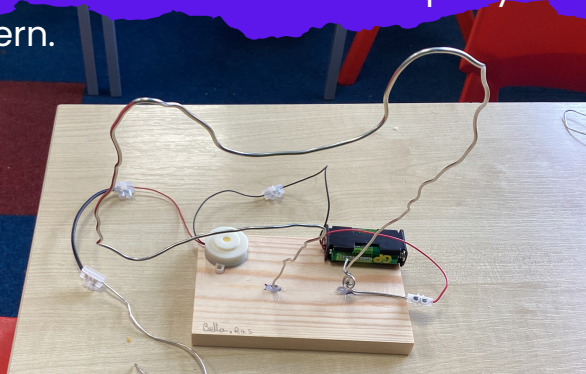


Design & Technology

In Design and Technology, children will apply their knowledge of electrical circuits from Science to design and create their own steady hand games. They will begin by evaluating existing products before developing practical skills such as joining and finishing to build a fully functioning game.

Later in the term, pupils will design and construct Christmas lanterns. Using willow to create larger and more complex 3D structures, they will consider both strength and appearance in their designs. The finished lanterns will be displayed and celebrated at the school Christmas fayre

Computing teaching built into the computing curriculum where they plan to either control the lights or create a sound to accompany the lantern.



In Science this term, children will study electricity, learning to identify everyday appliances that use it and to build simple circuits using cells, wires, bulbs, switches and buzzers. They will investigate how a lamp lights within a complete circuit, explore how switches control the flow of electricity, and test different materials to discover which are conductors and which are insulators.

Later in the term, children will turn their attention to humans and animals. They will learn about the functions of the basic parts of the digestive system, identify the different types of teeth and their roles, and construct food chains to show how producers, predators and prey are connected.

Computing

Avatars

In Computing, children will learn how to create their own avatars, helping them understand how to protect their identity online and why this is important when using social media or other digital platforms.

Coding

They will also be introduced to Micro:Bit coding, exploring the key hardware features and their functions. Using Microsoft MakeCode, pupils will practise coding and debugging programs while learning important new vocabulary such as input, output, hardware, software and variable.



PE

This term children will focus on gymnastics and invasion games. Within the invasion games, they will develop skills in dodgeball, tag rugby and basketball.



History

In History, children will begin by recapping when and why the Romans left Britain, using this as a starting point to understand the arrival of the Anglo-Saxons and the significance of key dates. They will explore who the Anglo-Saxons were, why they came to Britain, and what their lives were like. Pupils will investigate aspects such as village life, homes, clothing, farming, and religion, as well as the lasting impact the Anglo-Saxons had on Britain. Through this study, children will develop their sense of chronology, make links between historical periods, and gain a clearer understanding of how life in Britain has changed over time.

RE Within RE sessions, children will focus on Christianity and Judaism. The Judaism unit will focus on the question 'What is the best way for a Jew to lead a good life?' whilst the Christianity unit will focus on 'What is the most significant part of the Nativity story for Christians today?'

Art

In Art, children will study the work of African-American artist Lois Mailou Jones, exploring some of her most significant pieces and the influences behind them. They will learn how her heritage and culture shaped her artwork and consider how art can reflect identity, tradition and experience.

Building on this, children will experiment with a range of mixed media, including oils, sketching and photography. Inspired by the techniques and features found in Jones's work, they will create their own pieces that celebrate their personal backgrounds, ideas and experiences. This will give pupils the chance to express themselves creatively while developing confidence with different artistic materials and styles.

PSHE

In PSHE, children will take part in the unit Being Me in My World. They will explore what it means to be part of a class team and a responsible school citizen, learning about rights and responsibilities within the school community. Through activities such as school council, they will develop their understanding of democracy, rewards and consequences, and the importance of group decision-making. Pupils will also reflect on having a voice and consider what motivates their own and others' behaviour.

