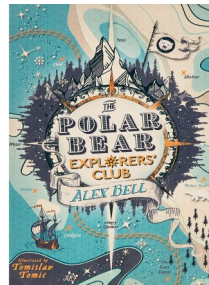


English

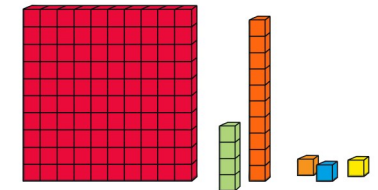
Our first writing unit this term will centre around the book 'Varmints' and will form the basis for our initial pieces of writing. We will use this book to inspire character descriptions and create part two of the story. We will also be writing non-chronological reports, where we will compare school subjects. Children will start to explore instructions and ensure they use a range of features in their writing.

In guided reading, we will be reading the text, 'The Polar Bear Explorer Club' which is also our class reading book. Our focus will be on developing both our inference skills and vocabulary.



Maths

In maths, the children will begin by developing their understanding of place value. This will include counting, ordering and comparing numbers to 1 million. We will then learn to round to 1 million and how to round to the nearest whole number. After that, we will focus on Roman numerals. Following place value, we will move on to developing our knowledge of the four operations and we will learn to add, subtract, multiply and divide numbers with more than four digits before applying our learning to multi-step problems. Children will finish off by exploring prime, square and cube numbers.

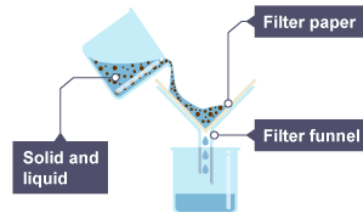


Science

This term, our science unit of work is 'Materials-Mixtures and separation,' children will explore different types of mixtures and the appropriate methods to separate them.

We will explore the process of sieving, filtering and evaporation. We will describe solutions and how we can identify them. Children will explore dissolving and identify the factors which can affect how long it takes to dissolve.

Children will develop their ability to work scientifically including developing their research skills, planning fair tests and making observations.



PE

This half term, our sports coach session will focus on tennis skills. The children will explore different shots, tactics and overhead serves. We will then move on to football, where the children will link ball skills, develop their tactics and develop their sportsmanship.



Computing

We will begin the half-term with an E-safety unit. In computing we will explore computing systems and networks. We will explain what a search engine is and how we can use them to search effectively, whilst also learning about how they work.



Year Five Curriculum Overview

Autumn 1

MFL

We will speak, listen, read and write in French. This term we will learn words for food, how to order in a café. We will explore reading and saying amounts of money in French, whilst revising our numbers to 100.



PSHCE

Our first PSHCE unit this year is Beginning and Belonging. This will include discussions about helping the classroom feel a safe place, building relationships within the class and within school, and coping with new situations.



Music

This year the children will be learning to play a brass instrument. Further information about this will follow.



RE

This unit of RE, will focus on Islam. We will look at stories from the Qur'an, including stories of the prophets and Muslim traditions. We will talk about what lessons have been learnt from these stories as well as thinking about the tradition of stories and how they have been passed on.



History

Our history topic is Ancient Islamic Civilisation and will focus on Baghdad – the Round City. We will look at where, why and how it was built. We will discuss what it looked like and the benefits of artefacts and written sources. We will learn about the contribution that Islamic scholars had during this time in astronomy and maths.



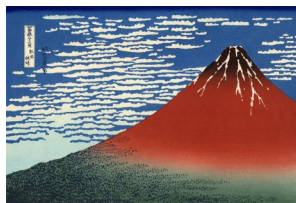
Geography

This topic will look at the importance of water as a resource. Our study will focus on the region of California. We will explore natural resources and how they are used, whilst also recapping the water cycle. We will discuss farming and will consider how aqueducts provide water. Our key geographical skill will be interpreting maps.



Art

This half-term the children will develop their painting techniques. They will learn how to mix and match colours to create atmosphere. Our focus artist will be Katsushika Hokusai.



DT

Our unit this half-term will be about electrical systems. We will identify simple circuit components. We will explore what a doodler is, and suggest ways to amend the function of the doodler. Children will create a functional doodler and write instructions to explain how to make a doodler.

