

Maths: Place value & addition, subtraction, multiplication and division.

In maths this half term, we will be recapping and building our learning of place value. We will be looking at numbers to 10,000,000, reading and writing them and comparing numbers. We will also be looking at developing our knowledge of negative numbers and rounding integers using number lines.

Our second unit of work will be around adding, subtraction, multiplication and division. We will recap our learning from previous years, and introduce long division. We will be focussing on solving division problems, and multi-step problems. Finally, we will be looking at order of operations, mental calculations and reasoning.



PSHE: Being me in my world

Following the Jigsaw scheme, we will be exploring what it means to be ourselves in our world. We will look at the year ahead, identifying goals for the year, understanding our fears and worries about the future and how to express them. We will explore the universal rights that all children should have, and how for many children they aren't met, and look at understanding how our individual actions affect other people locally and globally. We will also look at our behaviour choices and understanding how rewards and consequences feel and how to relate to our rights and responsibilities, and how individual's behaviour can impact a group. Finally, towards the end of term we will look at how democracy and having a voice benefits the school community.

P.E.

Indoor P.E. / Dance: Ballroom Blitz.

In our P.E lessons on a Wednesday, we are looking at dances from the 1940s. We will begin by looking at the hand jive and learning a hand jive routine. We will explore some dance crazes movements from this era such as the conga and the twist.



bwv55827519 Barewalls.com

Outdoor P.E: will be led by the Chelsea football foundation on a Monday. This half term the focus is on hockey and learning the skills and starting to play small games.

Science: Light.

Our science topic this half-term is light. We will be learning to recognise that light appears to travel in straight lines, and that white light can be split into a spectrum. We will use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye. By the end of the unit, we will be able to explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes. We will also use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them. In addition, we will look at understanding the dangers of lasers.



Autumn 1 Year 6 Topic Web



World War 2

R.E: Ummah

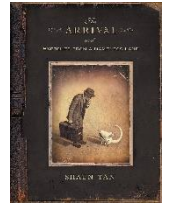
In our R.E lessons, we will be looking at the concept of Ummah. By the end of the unit, children will understand the meaning of Ummah, how it applies to the Islam religion, as well as how it applies to our own lives and our community.

ICT: Coding

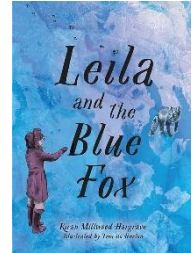
In our computing curriculum, we will be following the Purple Mash scheme. The key learning is to design a playable game with a timer and a score, to plan and use selection and variables, to understand how the launch command works and to use functions and understand why they are useful. We will also be learning to use flowcharts to create and debug code, to create a simulation of a room in which devices can be controlled, to understand how user input can be used in a program, and finally to understand how 2code can be used to make a txt-adventure game.

English – 'The Arrival' and 'Leila and the blue fox'.

Our first English unit will be focused around the wordless book 'The Arrival' by Shaun Tan. It explores the issue of immigration and the reasons why people have to flee countries and seek asylum. Children will explore characters, emotions, different points of view and the challenges faced by the main character and some of the other characters that have made their way to the new land. Through the sequence of learning, children will write a diary of the little girl as well as short scripts for scenes and narrative passages to describe what is happening at certain points in the book.



Our second English unit is based on 'Leila and the Blue Fox' by Kiran-Millwood Hargrave and Tom de Freston. This book explores climate change, migration and family relationships. Throughout the sequence of learning, children will explore the character of Leila in depth, writing in role using text messages, tweets and diary entries. To finish the unit, the children will be writing a blog where children will reflect on Leila's expedition and also touch on her life experiences.



Design and Technology – Food: Rationing.

In our DT lesson this half term, we will be looking at rationing food, fitting in with our World War 2 theme. We will explore what wartime sweet treat were like and compare them to modern day recipes, researching and designing our own war time sweet recipe.



We will then be making our wartime sweet treat and following the recipe that we have planned. Finally, we will evaluate how successful our products were.



Music – Hey Mr Miller

During our music lessons, we will be looking at 'Hey Mr Miller', a popular song in the jazz and swing style. In this unit, children will explore rhythm work, creating and improvising off-beat (syncopated) patterns and melodies, and develop a polished group performance.

French – The school

Throughout the French unit, we will be exploring all things to do with school. We will recap all our French learning so far, before exploring colours, school topics, pencil case items, places in school, opinions, days of the week, appliances such as laptops, and masculine and feminine words.