

King's Oak Primary School - Year 5 - Spring Term 2023 - 2024

The Year 5 Team:

Teachers: Mr Sargant, Mrs Wilson, Mrs Hawthorne

Teaching Assistants: Mrs Asjadi, Mrs Smith, Mrs Jackson



Theme: Mountains

As readers and writers we will be reading *Clockwork* by Philip Pullman and *Everest*: the amazing story of Edmund Hillary and Tenzing Norgay. These texts will form the basis of all of our writing and comprehension for the term. We will hot seat characters from the stories - seeing the events from their point of view. We will use this information to inform the writing we produce. We will write in a variety of text types from newspaper articles to diary entries. We will be learning to use parentheses in our writing to include extra information. As well as this, we will be learning how to use semicolons to join two main clauses about a similar idea. As readers we will be focusing on the vocabulary used by the authors and how to use it in the correct context. We will summarise the information we have read and ensure we can recall all of the important information in the correct order.

As geographers we will be exploring the topic of mountains. We will recap our knowledge of the Earth's structure to learn how mountains are formed. We learn all about the mountain ranges around the world and use the legend on maps and atlases to identify mountain ranges and mountains. Our focus is to understand that Mount Everest is the tallest, natural structure in the world, above sea level. We will explore the heights of mountains, different types of mountains, animals on mountains, tourism around mountainous regions.

As historians we will be learning all about Sir Edmund Hillary and Tenzing Norgay. We will explore how they dedicated their lives to exploring and mountain climbing. We will identify how Tenzing Norgay, a Tibet native and Sherpa, supported Sir Edmund Hillary on their expedition to reach Mount Everest's summit.

As scientists we will be learning about forces. What are the names of the different forces and what effect do they have on the world around us. We will be learning about Issac Newton and the impact his discoveries had on the world. We will be learning about living things including humans. We will be learning about different life cycles animals have. We will be learning about the work of Jane Goodall and David Attenborough and the impact they have had on scientific understanding.

Every Week

Library: Friday; PE: Monday and Wednesday

Trips and Visits

Science Museum 18.01.24

Whole School Dates

Parents Evening: 04.03.24 07.03.24

Half-term: w/b 12th February

The Big Question: The children will generate questions that they want to find the answers to about mountains. The questions will be informed by thinking about what they already know about mountains. They will explore how it is possible to live on a mountain and how mountains can support human populations. We will supplement our learning with trying to put ourselves in the shoes of mountaineers by visiting an indoor climbing centre.

As mathematicians we will using our multiplication skills to support our understanding on area and scaling. We will stretch our knowledge of perimeter and begin to understand that surface area is the total amount of space that occupies a shape. We will be making links whilst calculating decimal fractions whilst building on our place value, multiplication and division knowledge and using a range of measurements such as length, mass and volume. Moreover, we will explore our number knowledge further by securing our knowledge on multiples, factors and expand our knowledge on prime numbers by using a wide range of pictorial, practical and interactive resources.

Across the curriculum

As musicians we will continue to learn about pitch, tempo and harmony when we learn new songs in class.

As artists we will be creating artwork inspired by mountains. We will be using watercolours and cross hatching to create a mountain landscape. This will form the inspiration for a print and collage version of our mountain-scape.

As computing specialists we will look at how we can ensure we stay safe online and learn how to spot "bugs" in algorithms.

As design technologists we will be learning how cams, pulleys and gears can transfer energy into movement. We will use this to design a product to meet a design brief.

As sports enthusiasts will be building on teamwork and working on attacking and defending in Hockey. In Netball and Dodgeball we will focus on our aiming, throwing, passing and dodging skills and growing confidence in our skills. We will learn a range of positions and movements and create a sequence to perform.

As explorers of faiths and beliefs we will be learning about why Hindus want to be good, their birth and rebirth cycle, who Brahman is and why Hindus focus on their 'atman'. Additionally, we will learn about what it means to be Muslim in Britain. We will explore the 5 pillars of Islam, the importance of pilgrimage, where muslims go to get spiritual guidance - The Holy Quran and explore the Muslim demographic in local regions.

In our PSHE curriculum we will be focusing on our dreams and goals in life and explore a variety of career options, rights respecting and being physically healthy.