



# Spring 2 in Middlecott

## Maths

This half term, we will begin our maths learning by studying length and perimeter. The children will first reinforce their existing knowledge of kilometres, metres, centimetres and millimetres, before learning how to add and subtract lengths and calculate perimeter. We will then move on to fractions, where children will explore numerators and denominators, learn how to compare and order fractions, and progress to more complex concepts such as converting improper fractions.

## Outdoor Learning and PE Days

This term, we have Outdoor Learning on a **Wednesday**. Children will need a spare pair of shoes or wellies as well as a coat to ensure they keep warm! On **Thursday**, we have Mr Pierce for PE. Children can come in wearing their PE kit. Don't forget a school jumper to keep warm! Our other PE day in term is a **Tuesday**.

In PE this term, the children will be focussing on hockey with Mr Pierce. They will focus on improving their dribbling, passing, and shooting techniques, learning how to control the ball effectively and move confidently across the pitch.

## English

In English, the children will be basing their work on the film "The Blue Umbrella". The children will write their own stories about two objects that meet, build a friendship and go on an adventure together, linking to this term's value of friendship.

Later in the half term, we will study the book Penguins by Penelope Arlon and Tory Gordon-Harris. This text will provide the foundation for children to write their own information text about a group of animals, people or objects that interest them.

## Science

This term children will be learning about forces and magnets. They will learn that **forces** are pushes and pulls that can make objects start moving, stop moving, speed up, slow down or change direction. Pupils investigate how different surfaces affect movement and discover that some forces act through direct contact.

Children are introduced to magnets and learn that magnets have two poles (north and south). They explore which materials are magnetic and observe how magnets can attract or repel each other without touching.

## PSHE

This term, Middlecott will learn what it means to be responsible, active members of their community. They explore the importance of recycling and caring for the environment, identify different groups and roles within the local community, and begin to understand how local democracy works. Children discuss why we have rules and the consequences of breaking them, learn about children's rights and human rights, and consider how people and organisations, such as charities, contribute to making communities fairer and stronger.





## Design Technology

In Design and Technology this term, the children will be learning about food and where it comes from. They will explore how fruits and vegetables grow in different countries depending on climate, as well as which foods are grown seasonally and why eating seasonal produce is better for the environment. The children will investigate the impact of importing food, identify and safely use kitchen equipment, and explore the tastes and flavours of a variety of fruits and vegetables. Using this knowledge, they will design a seasonal dish, learn about the nutritional benefits of the ingredients, and evaluate their work by giving and receiving feedback.

## Religion and World Views

In RE this half term, we will be exploring the question "What does it mean to be a Hindu in Britain today?" Children will learn about key Hindu beliefs such as karma, dharma, moksha and reincarnation, and how these influence daily life and values. They will explore the importance of family, community and worship, including practices such as puja and festivals like Diwali, and consider how Hindu traditions are expressed and adapted within modern British society. Through stories, videos and discussion, children will develop understanding, empathy and respect for diversity, while reflecting on their own identities and communities.



## Spanish

In Spanish this half term, the children will be developing their language skills through the topic of animals and pets. They will learn to ask and answer questions about pets using animal vocabulary, recognise and name a range of colours, and translate simple descriptive sentences. The children will practise writing their own sentences about animals, correctly placing adjectives after the noun, and use language detective skills to work out meaning and make predictions when reading a story. By the end of the unit, they will apply their learning to compose and write a short story about pets.

## Music

In Music this term as well as working with Trees of Hope, we will be exploring the sounds and rhythms of the rainforest through music. The children will use **body percussion** and tuned percussion instruments to create rhythmic patterns and simple melodies, learn about musical *structure* and *texture*, and work together to build multi-layered compositions.



## Computing

This half term, the children will be learning how to create a book trailer. They will explore the purpose of a trailer and plan their ideas by creating a storyboard, thinking carefully about camera angles when taking photos or videos. The children will learn how to import images and videos into film-editing software, add text and transitions to enhance their trailers, and evaluate their own work as well as that of others to identify strengths and areas for improvement.

## Geography

This half term in Geography, we are exploring who lives in Antarctica. The children will learn to describe lines of latitude and longitude and investigate how the Northern and Southern Hemispheres experience opposite seasons. Pupils will discover the unique features of Antarctica's icy landscape and learn why people visit the continent for tourism and scientific research. We will also learn about Ernest Shackleton's famous expedition and its outcomes. At the end of the unit, pupils will compare life in the UK with life in Antarctica and draw their own maps to show an expedition route, reflecting on what went well and what could be improved.