

Science

The first Science topic of this term is Light. Through practical exploration children will develop their understanding of light. They will investigate what a light source is and consider other light sources. They learn how shadows are formed and investigate opaque, translucent and transparent materials and how these materials affect a shadow being formed. Children will explore how light travels and which materials reflect light.

In Term 6, the children will be learning about sound. Children have opportunities to measure sound around the school and investigate and reason why particular areas are louder than other. Children learn how sound is made and how it can travel, including associating sound with something vibrating. Children will also be investigating how to change the volume and pitch of sound and exploring the use of various instruments, some of which they will make themselves. Throughout this unit, children will develop their ability to make scientific statements and simple generalisations about sound.

Computing: Data

Our work in ICT will link into our Science and Topic units of work. We will discuss aspects of weather that we could observe, and information that we would like to collect. Then the children will collect their data, using data loggers, and present it using different types of graphs including some ICT presentation of graph results. In term 6 we will be focusing on how to input instructions to affect the output of some programmes and simulations. They will learn to explore a simulation and use this to change things and solve problems by identifying the rule.

Design Technology:

Linking into our topic, the children will be designing their own kites. They will be planning, making and reviewing their products, so with this in mind the children will have to make decisions with the aim of creating a kite that will fly! In order to achieve this, they will have to consider measurements, materials and techniques that they will use in order to create their final product, even at the early design stage. The children will then use their design as a guide to make their kite, before testing it out and evaluating whether it meets the purpose.

RE

During term 5, the children will be studying Christianity. They will learn the story of Parables, including 'The Midnight Visitor', 'Ten Bridesmaids' and 'The Widow's Talents' exploring their meanings and explaining their own understanding. The children will also be looking at the importance of making promises as well as the story of Pentecost.

In Term 6, we will be learning about Judaism, with a particular focus on the lives of Jewish people. The children will learn some similarities and differences between this faith and that of Christianity.

PSHE

In PSHE, the children will be developing a range of strategies to make informed choices. They will learn to talk and write about their opinions as well as how to face new challenges positively. They will also research, discuss and debate topical issues sensibly. We will also be thinking about career choices, and consider whether the choice is affected by personality and interest.

History

Not applicable this term.

Geography

In Geography this term the children will be identifying the position and significance of latitude, longitude, the Equator, Northern Hemisphere, Southern Hemisphere, the tropics of Cancer and Capricorn, Arctic and Antarctic circles, as well as the Greenwich and Meridian Time Zones. They will also be exploring the different climate zones of the world including biomes and vegetation belts. The children will develop an understanding of earthquakes and volcanoes, including where and why they occur in different parts of the world. They will explore the water cycle and recreate the process using everyday resources.

Within this topic we will be using maps, atlases, globes and computer mapping to locate countries around the world and describe different features including mountains and rivers.

Art

Our focus this term will be to develop painting skills, looking at portraying landscapes as well as weather. The children will be exploring a range of techniques to create different moods and effect, trying to show independent control in their use of colour, as well as considering the emotional impact of warm and cool colours. To be reflective, the children will assess their own work and think about ways that it could be improved, and evaluate the art work of their peers.

Music

Children learn recorder playing skills. They concentrate on listening to and copying rhythm, tempo and pitch. The children have opportunities to play in unison to a backing track.

Children listen to different styles of music from different cultures and try to identify how they feel. The textures and tempo of Chinese music are listened to and the children then compose their own Chinese music using the pentatonic scale on tuned percussion.

PE

In Outdoor PE, the children will be developing their understanding of the game of rounder's, focusing heavily on fielding and batting skills. They will eventually develop and build up a skill set in order to successfully participate in a game situation. In Term 6, the children will be practising their athletic skills; running, jumping and ball, ahead of Sports Day. The children will be given opportunities to develop and refine their skills, both individually and in small team games.

In Indoor PE, the children will further develop their Dance skills in Term 5. They will include jumping in their dance routines, as well as varying the speed and level of their movements within a performance. The children will then move onto Volleyball in Term 6. The children will develop their throwing and catching skills, as well as their agility and accuracy.

MFL

In French the children will continue to develop their knowledge of numbers 1-30 as this will build into their topic of birthdays, in which the children will learn to say how old they are and when their birthday is, as well as asking others for this information.

The children will also learn how to express their likes and dislikes.