

## Learning Experience-Geography-Frozen Kingdoms

This project teaches children about the characteristics and features of polar regions, including the North and South Poles, and includes a detailed exploration of the environmental factors that shape and influence them.



## Science - Electrical Circuits and Components

This project teaches children about electrical circuits, their components and how they function. They recognise how the voltage of cells affects the output of a circuit and record circuits using standard symbols. It also teaches children about programmable devices, sensors and monitoring. They combine their learning to design and make programmable home devices.



## English – The Wolf Wilders



Feo and her mother, Marina, live alone in the snowbound woods of Russia. They are wolf wilders (people who teach tamed wolves to live in the wild). When an infamous Russian general arrests Marina, Feo sets off on a quest to save her. With the help of her trusted wolves and a runaway Russian soldier, Feo travels across the frozen landscape and is swept up in the beginnings of a revolution.

**Explanation text based on our DT topic 'Engineer'.**

## Mathematics

This term, the children will be developing their understanding of ratio, proportion, algebra and decimals. They will learn how to describe and compare ratios, use ratio notation and solve a range of worded problems, including those with two steps. They will also explore scale factors by interpreting maps and plans, enlarging shapes and identifying similar shapes. In algebra, the children will spot patterns, use letters to represent unknown values, create and use simple formulae, and solve one- and two-step equations. Alongside this, they will deepen their confidence with decimals by rounding, adding, subtracting, multiplying and dividing them, as well as converting between fractions and decimals.



## Religious Education – Hinduism - Beliefs and Questions

In this unit, the children explored key Hindu beliefs about how actions shape a person's life, focusing on the concepts of dharma (duty), karma (cause and effect), samsara (the cycle of rebirth) and moksha (spiritual liberation). Through well-known stories, including those of Ganesha, Rama and Sita, and Gajendra, pupils learned how these teachings guide Hindus to live good and responsible lives. They also studied the life of Mahatma Gandhi to see how these beliefs can inspire real people to act with courage, kindness and commitment to peace. By the end of the unit, children were able to explain how Hindus believe present behaviour influences future lives and why the goal of achieving good karma and ultimately moksha is so significant.

## Physical Education

Hockey-Pupils develop their understanding of the attacking and defending principles of invasion games. In all games activities, pupils have to think about how they use skills, strategies and tactics to outwit the opposition. In hockey pupils do this by maintaining possession and moving the ball towards goal to score. Pupils develop their understanding of the importance of fair play and honesty while self-managing games and learning and abiding by key rules, as well as evaluating their own and others' performances

Gymnastics -

## Computing – Programming A – Variables in Games

This unit explores the concept of variables in programming through games in Scratch. First, learners find out what variables are and relate them to real-world examples of values that can be set and changed. Then they use variables to create a simulation of a scoreboard. In Lessons 2, 3, and 5, which follow the Use-Modify-Create model, learners experiment with variables in an existing project, then modify them, before they create their own project. In Lesson 4, learners focus on design. Finally, in Lesson 6, learners apply their knowledge of variables and design to improve their games in Scratch.

## Music – Creative Composition

In this unit, we ask, 'How Does Music Improve Our World?'. The Social Question evolves as the children move through the scheme while encouraging them to be responsible and kind citizens of the world.

By using chords in compositions, we can create music that is more harmonically interesting. We can also create accompaniment for a melody using chords. Explore how chords are used within the music in this unit by listening and responding to La Bamba and looking at the composition extension activities for Disco Fever.

## Recommended Reading for Term 3

Please note that it is not expected you purchase these books. Listen to the books being read on YouTube, loan from your local library or read any books that are similar.

## JIGSAW (PSHE) – Dreams and Goals

We will be focusing on the following themes-Identifying goals for the year, Global citizenship, Children's universal rights ,Feeling welcome and valued, Choices, consequences and rewards, Group dynamics, Democracy, having a voice, Anti-social behaviour and role-modelling.

## French - Les vêtements

By the end of this unit pupils will have the knowledge and skills necessary to describe what they are wearing in French by colour. This is a unit that brings together much of the grammar covered in our Intermediate teaching type (nouns, gender, articles/determiners, plurality, adjectival agreement, 1st person verb conjugation) so that pupils can express what they are wearing in full sentences in different scenarios in French.

## Art and Design – Inuit

This project teaches children about the Inuit way of life, including some of their cultural and artistic traditions.

## Design and Technology - Engineer

This project teaches children about remarkable engineers and significant bridges, learning to identify features, such as beams, arches and trusses. They complete a bridge-building engineering challenge to create a bridge prototype.

