



YEAR 4 – Autumn 1

Topic/theme

Mountains and Rivers: This project teaches children about the characteristics and features of rivers and mountain ranges around the world, including a detailed exploration of the ecosystems and processes that shape them and the land around them.

Reading

In reading lessons, pupils continue to develop their fluency knowledge and skills through a wide range of genres, including fiction, non-fiction and poetry. Pupils also develop core reading skills through the range of texts they read; vocabulary, retrieval, inference, prediction, summary and authorial intent. This half term's text is *King of the Cloud Forest* by Michael Morpurgo.

Writing

During the Spring term, the children will explore both fiction and non-fiction based on their topic 'Mountains and River'. Our writing cycles will be inspired by books like 'The King of the Cloud Forests' and a video based on a lighthouse situated on the coast. They'll also dive into non-fiction works about survival on mountains and rivers around the world. This term will include writing adventure narratives about climbing mountains and crafting newspaper reports. Throughout the Autumn term, students will enhance their writing skills. They'll work on punctuation, grammar, and vocabulary including developing their understanding of the effect of organisational devices such as adverbial phrases and pronouns.

Maths

In the first part of this half term, pupils will learn to count in multiples of 25, 100 and 1000 in order to count larger numbers comprehensively. They will learn about the relative size of numbers and complete number sequences within 10 000. Pupils will learn about place value to 4 digits and they will link numbers in numerals and in words. They will compare numbers using language such as 'greater', 'smaller', 'less' and 'more', using the mathematical symbols $>$ and $=$. They will use their knowledge of number and place value to help complete number patterns. They will also learn about rounding numbers to the nearest 1000, 100 and 10; children will apply this knowledge to approximate, total and find the difference. Following this, pupils will be taught to add and subtract with numbers up to 10 000. They will use the column method for addition and subtraction, and they will also learn mental methods for addition and subtraction. Pupils will be encouraged to think about when is the most appropriate time to use each method. They will use the methods taught to solve word problems: visualising the problems using the bar model.





This half term the children learn to recognise their self-worth and identify positive things about themselves and their achievements. They discuss new challenges and how to face them with appropriate positivity. The children learn about the need for rules and how these relate to rights and responsibilities. They explore choices and consequences, working collaboratively and seeing things from other people's points of view. The children learn about different feelings and the ability to recognise these feelings in themselves and others. They set up their Jigsaw Journals and establish the Jigsaw Charter.

Science

States of Matter: Children will start by looking at different materials, grouping them how they have in previous years before breaking it down into solids, liquids and gasses. After that, children will spend two lessons looking at evaporation, placing this into the context of the water cycle. Children will then go the other way and look at frozen/solid objects. Finally, children will research the melting/freezing points of different materials to establish that solids liquids and gasses apply to a range of materials.

Art and Design

The Science of colour: In this colourful unit children will use their prior knowledge of colour mixing and apply it to the basic theory that artists must use to create specific effects in their art. Thanks to Colour Theory, we can see how colours contrast or balance each other. Children will begin to understand how colours are perceived and organised in nature. They will begin to explore how we use colour to create artwork and communicate with each other in different forms of art.

Geography

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Computing

This term in computing, we will learn to use technology safely, respectfully and responsibly. We will recognise what is acceptable and unacceptable behaviour online and identify a range of ways to report concerns about content and contact.

Secondly, we will learn to understand computer networks, including the Internet. We will use search technologies effectively and learn to appreciate how results are selected and ranked.

Music

Through our online 'Charanga' programme, the children will be learning about rhythm and pitch through learning about the music of ABBA and learning to sing in rounds and harmonies.





Physical Education

Ball Skills: In this unit pupils have opportunities to develop a variety of ball skills without the restrictions of specific rules related to well known games. They will develop their accuracy and consistency when tracking a ball, explore a variety of throwing techniques and learn to select the appropriate throw for the situation. They will develop catching with one and two hands as well as dribbling with feet and hands. These skills are applied to small group games. Pupils will have the opportunity to take on different roles and work both individually and with others.

Religious Education

Sanatana Dharma: In this unit, pupils build on their understanding of Brahman and look at lived reality through examining Puja at home, worship in the mandir and the festival of Diwali. Pupils will reflect on the idea of dharma through two stories which will sow seeds for examining this concept in more depth in Upper Key Stage 2.

Modern Foreign language (MFL)

This term, in French, pupils will learn how to ask who someone is and learn to ask people's ages and how they feel. Pupils will learn to recognise and count numbers 0-31. We will also learn classroom objects.

