



MOUNTAINS



During the Autumn term, our work across the curriculum will be linked to the theme of Mountains. If the children do any of their own research or work on the topic, at home, they are welcome to bring this into school to share with the class.

English - Our class reader will be *Running On The Roof of The World* by Jess Butterworth. Within reading and writing, the theme of Mountains will be explored by looking at shape poems, adventure stories, non-chronological reports and diary entries. We will also develop our spelling knowledge, try to use a wider range of vocabulary and develop our understanding and awareness of grammar. We will also look at proof reading and editing our work.

Maths - We will focus on place value, developing understanding of numbers up to 10,000 and 1,000,000, before strengthening written and mental methods for addition and subtraction. We will explore multiplication and division, including times tables, factors, multiples and efficient calculation strategies, alongside developing mathematical reasoning and problem-solving skills.

Science - We will be looking at Animals, including Humans. We will explore food chains, different types of teeth and dietary requirements of both humans and animals. Also, look in depth at the skeleton, digestive system and circulatory system, particularly the functions of the heart and blood.

Geography - We will analyse the question, 'What are the differences between the Rockies and the Alps?' and use our geographical skills to research these areas and compare them to each other. We will use maps to locate the Rockies and the Alps, and look at the physical geography of what a mountain is and how they are formed and we will investigate the human geography of the areas.

Religious Education - We will explore the question, 'How do festivals and worship show what matters to Muslims?'. Making links between Muslim beliefs about God and the range of ways in which Muslims worship and what is involved in each aspect. Also, we will investigate the question, 'Was Jesus the Messiah?' and look at what people expected of the Messiah and comparing those expectations with stories about Jesus.

Art - We will investigate how artists create depth, texture and atmosphere in mountain landscapes. To reflect on how artists use colour, tone and composition to communicate mood. We will explore the work of Nicholas Roerich and Tashi Gurung and use their artwork as inspiration when creating our own.

Design & Technology - To research, investigate and identify different types of axles, pulleys and gears whilst thinking about, 'How can we use pulleys and gears to make a model ski-lift?'

Music - We will explore mountain-inspired classical music by Grieg, Mussorgsky and Strauss, developing their listening, singing and performance skills. To investigate pulse, rhythm, pitch, metre, tonality and orchestral instruments, before using glockenspiels and percussion to improvise and compose their own expressive mountain-themed music.

PE - Develop fundamental movement skills through swimming, gymnastics, cross-country, netball and basketball. Pupils improve coordination, balance, running, jumping, throwing, catching and striking skills, while developing stamina, accuracy and control. They apply these skills in increasingly complex movements, routines and game situations, alongside developing sport-specific techniques, teamwork and an understanding of rules.

