



Year 4 – Spring 1

Topic/theme

In the Misty Mountain, Winding River project, we will learn about the characteristics and physical processes of rivers, including how they shape the landscape over time, their significance around the world and the impact of flooding. We will learn how to use the eight points of a compass, four and six-figure grid references, symbols and a key to locate and plot geographical places and features on a map, as well as how contour lines are used to show the topography of an area. Children will have the opportunity to learn about the stages of the water cycle and about mountains and their different formations, studying mountain ranges in the United Kingdom and around the world. Children will also learn about habitats and how human and natural influences can have an impact on the environment

Reading

Fiction: Children will be taught to understand how paragraphs or chapters are used to collect, order and build up ideas. We will explore different cohesive devices. Children will learn how writers use figurative and expressive language to create images and atmosphere, describing the effect on the reader. We will identify the techniques writers use to create mood and atmosphere.

Non-Fiction: Children will investigate how reading strategies are adapted to suit the different properties of IT texts, i.e. those which are scrolled and non-linear in structure; incorporate sound or still and moving images etc. We will identify key features of explanatory texts.

Poetry: We will explore, discuss and describe a specific rhyming form, e.g. a rap. Children will identify different patterns of rhyme and verse in poetry and use actions, sound effects, musical patterns and images to enhance a poem's meaning.





Writing

Fiction: Children will plan a complete story focused on organisational devices e.g. times of day, repeated words and phrases, adverbial phrases and use of pronouns using the Firework Maker's Daughter as a stimulus.

Children will then write their own story based on what happens in the mountains.

Non-Fiction: Children will write an explanation adopting the use of language and grammar for the form and audience. Children will then Explain how the landscape changes through erosion as part of their additional writing.

Maths

Further Multiplication and Division: We will be multiplying by 0 and 1, multiplying three numbers and multiplying multiples of 10 and 100. We will also be multiplying 2- and 3-digit numbers. We will be dividing 2- and 3-digit numbers too.

Fractions: Counting in hundredths, writing mixed numbers, showing mixed numbers on a number line, finding equivalent fractions, simplifying mixed numbers, simplifying improper fractions, adding fractions and subtracting fractions

PSHE

In this Puzzle, the children consider their hopes and dreams. They discuss how it feels when dreams don't come true and how to cope with/overcome feelings of disappointment. The children discuss making new plans and setting new goals even if they have been disappointed. The class explore group work and overcoming challenges together. They reflect on their successes and the feelings associated with overcoming a challenge.





Science

States of matter: We will be looking at comparing and grouping materials together, according to whether they are solids, liquids or gases We will observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)

We will also identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

Art and Design

Vista: Children will learn about the techniques that artists use when composing landscape images, such as colour and atmosphere.

Computing

Coding: We will be building on our knowledge from last term. We will be looking at using IF statements, using co-ordinates, repeat until command and understanding what variables are in programming

Geography

Children will learn 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.

Music

We will have our music teacher Mrs Keithley visiting us every week to teach the children how to play the ukulele.

RE

Hinduism – Janmashtami: We will be looking at the festival of Janmashtami, understanding the origins and what it looks like today.





PE

Football: We will be focusing on dribbling, passing shooting and attacking and defending this term.

MFL

Family trees and faces: We will be identifying nouns for family members as well as nouns for different parts of the face to aid description.

