



Misty Mountain, Winding River – Year 4: Spring 2023



Academic		
Maths	English Writing	History
Multiplication and division: Starting with multiplying and dividing by 10, 100, learning informal methods for both and leading to formal methods of multiplying and dividing three- digit numbers by a one-digit number.	The children will begin by writing some verses of a narrative poem, following the journey of a boat lost in a river as it journeys to the sea.	The children will learn about the pre-history of mountains and rivers in this largely geography-based topic.
Length and Perimeter: Measuring in kilometres and metres, finding equivalent lengths, finding the perimeter of a	Following their visit to Lynton, the children will write a diary entry as a record of their day.	
rectangle, rectilinear shapes and polygons. Finding missing lengths in these.	They will also be practising writing letters to water companies considering the sewage that is discharged into our waters.	
Fractions: Understanding and partitioning mixed numbers and improper fractions, adding and subtracting fractions and mixed numbers	Finally, they will write a narrative story based on the book Flood by Alvaro F Villa.	
Decimals: understanding tenths and hundredths, dividing 1- digit and 2-digit numbers by 10 and 100.		
Geography	Art	Music
In the Misty Mountain, Winding River project, your child will learn about the characteristics and physical processes of rivers,	Children will be looking at landscapes and vistas painted by famous artists. They will develop their skills of painting with	The children will have Ms Russell for Music and will explore the use of tuned instruments as well as developing their singing and
including how they shape the landscape over time, their significance around the world and the impact of flooding. They	watercolours, leading to them creating their own landscape masterpiece.	percussion skills. They will also learn songs for their performance at Easter.
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	Design Technology	
geographical places and features on a map, as well as how contour lines are used to show the topography of an area. They	In DT, the children will be creating models of a river from mountain to source, incorporating electrical switches and	
will have the opportunity to learn about the stages of the water	LEDs.	
cycle and about mountains and their different formations,		
studying mountain ranges in the United Kingdom and around		
the world. They will also learn about habitats and how human		
and natural influences can have an impact on the environment.		

Science	RE	PE
Children will learn that materials can be grouped according to whether they are solids, liquids or gases. Solids stay in one place and can be held. Some solids can be squashed, bent, twisted and stretched. Examples of solids include wood, metal, plastic and clay. Liquids move around (flow) easily and are difficult to hold. Liquids take the shape of the container in which they are held. Examples of liquids include water, juice and milk. Gases spread out to fill the available space and cannot be held. Examples of gases include oxygen, helium and carbon dioxide. Air is a mixture of gases.	In RE, the children will be learning about Hinduism and what it means to be Hindu in Britain today. They will explore the range of Hindu Gods and what Hindus believe God is like. This will be a nice counterpoint to their learning last term of the Norse Gods.	Tom Poole will be joining us again to teach KS2 PE. This term, his focus will be Indoor Athletics and Cross Country. Events: Computing As well as developing their programming skills, the children will learn about: Computing Systems and Networks: Connecting Networks What the internet is made of Sharing information What is a website? Who owns the web? Can I believe what I read?
Digital and Innovation We will be innovative in our approach to our learning, looking for creative ways to present our knowledge and understanding. We will use technology to share our reflections on our learning.	Character Our character virtues this term are: helpfulness, caring, critical thinking, honesty, justice, service and resilience. They will be actively caught, recognised and celebrated in daily life both in and out of school; sought through opportunities across the whole curriculum and taught through our assemblies, character education and PSHE learning.```	Community We are looking forward to welcoming you all to our Easter performance, where the children will finally get to be the stars of the show.