

## English

As readers, we will be exploring 'The River Singers' by Tom Moorhouse. We will continue to develop our reading skills such as retrieval, inference, word meaning, summarising and word choice.

As writers, we will focus on the following:

- Diaries
- Leaflets - mountains
- Explanation texts
- Narrative poetry

## Grammar

- Use and punctuate direct speech using inverted commas and other punctuation: a comma after the reporting clause, end punctuation within inverted commas
- Choose nouns or pronouns appropriately for clarity & cohesion & to avoid repetition *e.g. Harry (the noun) is appropriately replaced by the pronoun 'he', 'him', 'his' etc)*
- Extend the range of sentences with more than one clause by using a wider range of conjunctions, adverbs or prepositions
- Use conjunctions, adverbs and prepositions to express time and cause.

## RE

### Judaism

Do all religious beliefs influence people to behave well towards others?

### Christianity

Is forgiveness always possible? Do religious people lead better lives?

## Mathematics

As mathematicians, we will be:

- Measuring perimeter.
- Multiplying  $\times 10$  and  $\times 100$ .
- Dividing multiples of 10 and 100.
- Multiplying by 0 and 1.
- Dividing by 1.
- Multiplying and dividing by 6 to 12.
- Adding two 4-digit numbers.
- Subtracting two 4-digit numbers.
- Equivalent difference.
- Estimating answers to additions and subtractions.
- Problem solving – addition and subtraction.

# Misty Mountain, Winding River

## Experiences/Trips:

- Maidstone River Walk/ Mountaineer Talk

## Geography and History

- Maidstone: looking at the structure and uses of the River Medway.

## Computing

- Audio Production: recording and editing sound, planning and recording a podcast.

## Science

As Scientists, we will be studying:

### States of Matter

- Compare and group materials together, according to whether they are solids, liquids or gases.
- 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 ( $^{\circ}\text{C}$ ).
- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

### Living things and their habitats:

- Recognise that living things can be grouped in a variety of ways.
- Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment.
- Recognise that environments can change and that this can sometimes pose dangers to living things.

## Art/ Design and Technology

Learn about the techniques that artists use when composing landscape images, such as viewfinders and perspective.

Learn techniques for decorating fabric.

## Spanish Seasons

## Music Djembe drumming

## PE/Games

- Swimming
- Gymnastics

## English

- Organise paragraphs around a theme
- Evaluate and edit by proposing changes to grammar and vocabulary to improve consistency, including the accurate use of pronouns in sentences.
- Extend the range of sentences with more than one clause by using a wider range of conjunctions, adverbs or prepositions.
- Use and punctuate direct speech using inverted commas and other punctuation: a comma after the reporting clause, end punctuation within inverted commas.
- Use further prefixes and suffixes and understand how to add them.
- Choose nouns or pronouns appropriately for clarity & cohesion & to avoid repetition *e.g. Harry (the noun) is appropriately replaced by the pronoun 'he', 'him', 'his' etc*
- In narratives, create settings, characters and plot.
- Draft & write by composing & rehearsing sentences orally, progressively building a varied & rich vocabulary & an increasing range of sentence structures.
- Proof-read for spelling and punctuation errors.
- Read aloud own writing to a group or whole class, using appropriate intonation and controlling tone and volume so that the meaning is clear.

## Music

- Listen to and comment on a range of songs in different genres and different periods of history.
- Play and perform in solo and ensemble contexts.

## Science

- Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions.
- Setting up simple practical enquiries, comparative and fair tests.
- Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.

## Geography and History

- Describe and understand key aspects of human geography, including types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.
- A depth study linked to one of the British areas of study listed above.
- A study over time tracing how several aspects of national history are reflected in the locality (this can go beyond 1066)

## Design and Technology

- To learn about home furnishings and the significant designer William Morris. To learn techniques for decorating fabric, including block printing, hemming and embroidery and use them to design and make a fabric sample.
- To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]

## Computing

- Design, record and evaluate a podcast.

## Maths

- Convert between different units of measure (for example, kilometre to metre; hour to minute).
- Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.
- Multiplying  $\times 10$  and  $\times 100$ , dividing multiples of 10 and 100, multiplying by 0 and 1, dividing by 1, multiplying and dividing by 6 to 12
- Understand related multiplication and division facts
- Find solutions to multiplication and division problems
- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.
- Estimate and use inverse operations to check answers to a calculation.
- Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.

## Spanish

- Use a dictionary.
- Build on prior knowledge to determine meaning.
- Develop intercultural understanding about others' daily activities.
- The 1<sup>st</sup> person singular form of common -AR and -ER verbs.
- Definite articles el, los, la, las.
- Recognise and apply simple adjectival agreements.
- Singular and plural commands.
- Create a dialogue with a partner.

## PE

- Swim competently, confidently and proficiently over a distance of at least 25 metres.
- Use a range of strokes effectively [for example, front crawl, backstroke and breaststroke.]
- Develop flexibility, strength, technique, control and balance through athletics and gymnastics.
- Take part in outdoor and adventurous activity challenges both individually and within a team.

## Year 4: Misty Mountains, Winding River

Key Enquiry Question: How does nature shape our mountains and rivers?

### Key Skills:

- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.
- Use the eight points of a compass, four and six-figure grid references, symbols and key to build their knowledge of the United Kingdom and the wider world.

### Key Information:

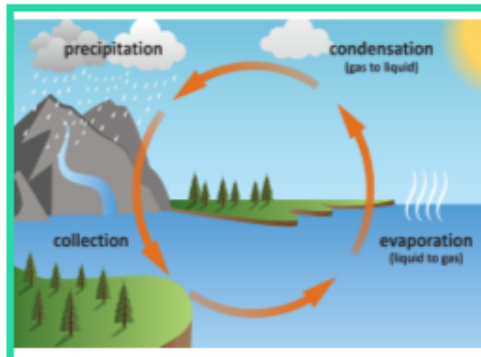
**Rivers:** a river is a body of water that flows downhill, usually to the sea. Rivers start in mountains or upland areas and flow downstream, collecting water from small, narrow streams, springs, rainfall or other water sources on the way to the sea.

**Mountains:** a mountain is a large, raised part of the Earth's surface. A mountain's highest point is called its peak or summit. Mountains are at least 610m in height. A mountain range is a chain of mountains that are close together. They are usually arranged in a line connected by ridges.

**Water cycle:** the journey water takes as it travels from rivers, lakes, seas and oceans into the sky and then back down to the ground.

### Prior Knowledge:

- To locate countries and cities on a map and recognise lines of latitude and longitude.
- To know about the layers of the Earth and plate tectonics and discover the five major climate zones.



### Types of Mountains:

- Fold mountain
- Volcanic mountain
- Fault-block mountain
- Dome mountain
- Plateau mountain

### Key Vocabulary:

	Word	Definition
1	altitude	The height of an object or point above sea level
2	collection	The process of water gathering in oceans, rivers, lakes and streams after falling as precipitation.
3	condensation	The process of a gas or vapour cooling down and changing state into a liquid.
4	evaporation	The process of a liquid heating up and changing state into a gas or vapour.
5	meander	A bend in a river or stream.
6	plate boundary	The place where two tectonic plates meet.
7	ridge	Long, narrow sections of rocky ground that connect mountains.
8	V-shaped valley	A deep, straight channel that has been cut into the rock by erosion.