



## Year 4 Learning Overview

Summer 2 2023/24

Our topic is...

**Forces of Nature - Rivers**

### By the end of our topic:

#### Your child will know:

##### Geography

- To know the features of a river and what causes it.
- To name the seas and the rivers in the UK.
- To know how rivers can change.
- To know what causes erosion.
- To explain the causes of flooding.
- To know how to prevent flooding.

##### Science

- What causes materials to change state.
- The correct terminology for 'changes in matter' involved in the water cycle.

##### Music

- How to listen and appraise a variety of songs and instrumental ensembles.
- How to identify the various parts that make up a song and how they affect the mood and tempo.
- How to explore and understand how music is created, produced and communicated.

##### Art

- Different ways that artists paint with water.
- What pointillism and impressionism are.

##### Computing

- Why repetition is used as part of programming.
- The vocabulary associated with repetition in programming (including 'loop', 'controlled loop' and 'algorithm').

#### Your child will be able:

##### Geography

- To be able to identify the features of a river.
- To locate and identify the seas and rivers in the UK.
- To identify the causes of erosion.
- To identify the causes of flooding.
- To find ways to prevent flooding.

##### Science

- To group materials, based upon whether they are solids, liquids or gases.
- To Observe and explain how materials change state when heated or cooled.
- To identify the role played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

##### Music:

- To identify a variety of instruments used within a piece.
- To identify the style of music.
- To count in time with the pulse.
- To recognize verse, chorus, intro, rhythm.
- To identify pitch, tempo, dynamics and timbre.

##### Art

- Compare and contrast how different artists paint water, including Monet, Seurat and Hockney.
- Plan and create different effects and textures with paint in the style of a focus artist.

##### Computing

- To design, create and modify a game involving loops on *Scratch* (an online programming tool).

#### We will be reading:

*River Stories* by Timothy Knapman

*A Planet Full of Plastic* by Neal Layton

*What a Waste* by Jess French

*Big Thoughts for Little Thinkers* by Daniel Thompson

#### Our memory maker events are:

A trip to Creekside river, Deptford.

A Balloon experiment to show what a solid, liquid and a gas is.

To help your child further you could research information about the world's rivers and their features.  
Research Monet, Seurat and Hockney.

Visit our year 4 independent learning page on "Its Learning" and "Google Classroom" to find more activities to support your child's learning. You could also visit a local river and observe the features and wildlife dependent on it.