

As part of Geography, I will be learning about...

The location of countries in Europe as well as Russia

-Where the following countries are found on a map of the world: UK, Russia, Italy, Switzerland in addition to countries taught in Year 2: France, Spain, and Germany

Mountains

-The names and locations of mountain ranges in Europe and Asia

Rivers and Valleys

-The names and locations of famous rivers in Europe and Asia

-How valleys are created

Latitude and Longitude

-What they are and where they are positioned.

-Why the Tropics of Cancer and Capricorn are significant

4 Figure Grid References

-What they are and how they are used

The Water Cycle

-What the Water Cycle is and the processes it involves

The Distribution of Natural Materials- Hydroelectricity and Wind Farms

-What they are and how they produce electricity in an environmentally friendly way

Climate Change

-What it is and what humans can do slow down the rising temperatures and protect the environment.



Year 4 Autumn Curriculum Map:

White Water Adventure

Where does water come from and why is it important?



Water is the most precious resource we have. The children will explore the importance of water around the world and learn how rivers, mountains and seas play a part in the water cycle. They will also examine how climate change affects sea levels. Through careful consideration, the children will begin to debate ways in which they could improve the water provision locally and around the world.

As part of our school values, I will be learning about...

Building Bridges (Identity, Character, Stewardship)

-Developing understanding of Peace and Reconciliation

How to solve conflicts effectively

-How to support each other to achieve an end goal

Discover, Captivate, Excite, Challenge and Flourish



Discover, Captivate and Excite: Trip to Guphill Brook

Challenge Day: Designing and building bridges

Flourish: Time to Shine: Monet Petit-tache paintings—art gallery display for parents

Flourish: Come and Share: Journey of a River Poetry

As part of Design and Technology, I will be learning about...

Structures with a focus on 'Bridges'

1. Famous Architects

-How James Finley and Isambard Kingdom Brunel contributed to bridge building in the western world including the U.K.

2. The different types of bridges

-What they are called

-How they are constructed to hold heavy weights

3. Materials

-The materials full size bridges are made from

-The materials a strong, model bridge can be made from

-How to select, join and combine materials to create a strong structure

-How to cut and join materials with a junior hacksaw, bench hook, hammer and nails

I will design and make a bridge that is strong enough to hold a 1kg weight.

As part of Art, I will be learning about...

Claude Monet

-Who he was and what he liked to paint

-Impressionist painting styles

-The technique of 'Petit-tache'

-How to create tints and tones with water-colours

-How to use colour charts to match colour to mood