



Misty Mountain, Winding River

Year 4 Spring Term

Driver Subject: Geography

Unit Overview

This project teaches children 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.

Links to Prior Learning

R – Understanding the World – The Natural World.

Y1 – Our Wonderful World

Y2 – Let's Explore the World

Y3 – One Planet, Our World

Y3 – Rocks, Relics and Rumbles

Y4 – Interconnected World

Links to Plymouth

Local rivers- Lynher River, River Plym, River Tamar, River Tavy and River Yealm,



Remembering our Curriculum's
Knowledge and Skills

Knowledge

- To define physical and human features.
- To explain the 3 stages of a river.
- To define erosion, transportation and deposition.
- To name world rivers.
- To name the different types of mountain.
- To define contour lines.
- To name UK mountain ranges.
- To name world mountain ranges.

Skills

- Mapping - To begin to identify significant places and environments.
- Mapping - To use junior atlases.

Geography National Curriculum Programmes of Study

- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.
- Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.
- Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities.
- Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time.
- Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America.
- Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.
- 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.
- Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.

Science National Curriculum Programmes of Study

- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.
- Recognise that environments can change and that this can sometimes pose dangers to living things.

Design and Technology National Curriculum Programmes of Study

- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.
- Investigate and analyse a range of existing products.

