

Year 5 – Rivers

What it looked like last year...

- Identify where mountains and volcanoes are in the world (using atlases) and describe the key features.
- Understand how different mountains are formed (and understand that a volcano is a type of mountain)
- Study a range of mountains (around the world) and think about the climate on different types of mountains.
- How mountainous ranges and volcanoes affect tourism and impact people's lives.

What it looks like next year...

- What types of settlement do we have in this country? What does that mean for our land use?
- Use maps to show the UK's trade links with other countries and explain their links.
- Thinking about how different countries physical geography impact on the trade that takes place.
- How trading has affected our global supply chain and how we utilise different countries settlement and land use.

Vocabulary (definitions)

Water cycle

Meander- curve or bend in a river

Oxbow lake- U-shaped lake that forms when a wide meander of a river is cut off

Valley- low area of land formed by a river

Source- original point from which the river flows

Floodplain- an area of low-lying ground adjacent to a river, formed mainly of river sediments and subject to flooding.

Mouth- place where a river enters a large body of water

Bank- land alongside a body of water

Erosion- gradual destruction of something

Deposition- the processes where material being transported by a river is deposited

Flooding

Farming

Habitat- where a living thing lives

Sequence of Learning

1. **Where does our water come from?** Explain the water cycle and be able to name some rivers across the UK.
2. **Rivers of the world.** Using maps and atlases, locate key rivers of the world.
3. **Features of a river.** Describe the key features of a river and how they flow.
4. **Erosion and deposition.** Identify how and why rivers change shape.
5. **How do we use rivers?** Describe how rivers are used and the advantages and disadvantages of these ways.
6. **Flooding.** Explain the impact of damming rivers and what happens if this doesn't happen.

Cultural Capital

- The understanding of erosion in rivers can be applied to real life scenarios such as what happens to our bones and teeth.
- Thinking about how rivers are used will enable a better understanding of how important rivers are in terms of transportation, food and entertainment.