

# Geography

All children – regardless of gender, starting point or background – will have the opportunity to engage with a high-quality geography education. They will be equipped with the knowledge, skills and vocabulary to understand about diverse places, people, resources and natural and human environments. Together with a deep understanding of the earth's key physical and human processes, we will provide children with explanations of how the earth's features are shaped over time. We intend to inspire a sense of enjoyment and curiosity about geography.

## European & Local Study - Rivers and Canals

Summer 2

### Igniting Prior Knowledge:

Year 4 (UK Study – Coasts)

- Topography is the study of the forms and features of land surfaces.
- 6 point grid references are used to locate a feature more accurately and on a different scale to 4 point grid references.

Year 5 (UK Local Study - Anderton)

- Rivers and canals have been used to transport goods and provide trade links between towns, cities and the coast.
- Anderton Boat lift was built in 1875 to connect the River Weaver and the Trent and Mersey Canal.

### Key Vocabulary:

- Barrier
- Erode
- Floodgates
- Flood
- Flood defences



### New Knowledge:

- The main rivers and bodies of water in Europe are: North Sea, Arctic Ocean, Bay of Biscay, Mediterranean Sea, English Channel, Atlantic Ocean, The River Thames (London), The River Seine (France), Danube (Germany), Rhine (Switzerland).
- Rivers erode rock by moving along it, eventually breaking it down and wearing it away.
- Rivers transport materials in 4 different ways: solution (minerals are dissolved and carried along), saltation (small pebbles and stones are bounced along the river bed), suspension (fine, light material is carried along in the water) and traction (large boulders and rocks are rolled along the river bed).
- Flooding can be caused by the impact of humans on the environment, as well as natural occurrences, such as heavy rainfall.
- River defences can be used to protect local areas from flooding e.g. barriers, floodgates.
- Flood defences, costing £7m, were installed in 2016 to prevent the rivers Dane and Weaver from breaking their banks.
- The flood defences installed in Northwich have worked as planned, but issues with drainage have led to recent floods.

