

# The Journey of Water

## Geography:

- Name and label some of the major rivers in the UK (e.g. Thames, Trent, Severn and Stour) including their source and mouth.

*Prior learning: Studying the Amazon River (Year 5 Rainforests) and the River Nile (Year 5 Ancient Egypt). Locating major rivers in Asia (Year 4 Dragons From The East). Following the journey of UK rivers on Google Earth (Year 3 Best of British).*

- Explain each stage of the water cycle – evaporation, condensation and precipitation.

*Prior learning: Elements of the water cycle introduced in Year 4 Science.*

- Study the formation of oxbow lakes: the build-up of river debris causing a meander to narrow and eventually flood and cut off the meander.

*Prior learning: Following the River Stour through and past Dedham, learning about meanders: what they look like and how they are formed (Year 4 Dedham Vale).*

- Study the formation of waterfalls and gorges: the process of soft rock eroding to create a hard rock shelf and a plunge pool, with the retreating waterfall creating a gorge.

## History:

- Learn about – and write a journalistic report on – the 1953 Harwich Flood, caused by a tidal surge and stormy conditions.

*Prior learning: Writing a report on the Great Fire of London (Year 2 Fire Fire).*

## Art:

- Use pastels to create artwork inspired by 'The Great Wave of Kanagawa' by Japanese ukiyo-e artist Hokusai.

*Prior learning: Using pastels and developing understanding of tone to create the mountains of Antarctica (Year 4 Adventurers and Explorers).*

## Computing:

- Taking photographs using digital cameras and editing them for effect.

## Concepts:

- How places change over time. How did Harwich rebuild and recover after the flood? Why were they susceptible to the flood in the first place?
- Geographical knowledge. How do rivers in the UK compare with those around the world?
- Areas of natural beauty, i.e. the coastline at Harwich. How can we preserve these areas for future generations?

## Vocabulary:

- **Source:** Original point from which a river flows.
- **Mouth:** Point at which the river flows into another body of water.
- **Meander:** A bend in a river.
- **Peninsula:** An area of land almost entirely surrounded by water.
- **Erode:** To gradually wear away.