

Making Waves

Geography:

- Explain each stage of the journey of water from the water cycle right through to the water reaching our taps.

Prior learning: Water cycle 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).

- Use four and six-figure grid references, symbols and a key, using Ordnance Survey maps of Harwich.

Prior learning: Four-figure grid references in Year 4 Dedham Vale.

History:

- Local study: 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 The Great Fire of London).

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).

- Use tone and perspective to sketch Ha'Penny Pier.

Prior learning: Building on work from proportion when sketching Ancient Greek Olympians (Year 4 Ancient Greece)..

Digital art/ computing:

- Study photography and the different types of shots—close up, mid shot and long shot.
- Visit Harwich and take photographs that are then edited to enhance their quality.

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.
- **Deposition:** When natural debris is deposited in the slow moving area of the inner bend of a meander.