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**Science: Y4** Electricity - circuits, switches and conductors. States of matter – solids, liquids and gases. **Y5** Forces – levers, pulleys and gears. Animals including humans – describing the changes as humans develop to old age.

**Computing:** Researching the life of everyday objects. Explaining the water cycle using Scratch or Tinkercad.

**Maths:**

Decimals and percentages, division, area and units of measurement, analogue and digital time, symmetry, shapes and angles, collecting and representing data and Roman Numerals.

**Enrichment Event(s):**

Coastal visit.

Visiting a local river.

**Personal, Social and Health Education:**

Staying Safe and happy online. Tolerance, understanding and teamwork.

**Religious Education:**

How do festivals and family life show what matters to Jewish people?

**Physical Education:**

Rounders, ultimate frisbee and athletics.

*Our PE days are Tuesday and Friday.*

**Music:** How does music bring us together? Time signatures & composition with glockenspiels and recorders. Samba.

**Art:** Clay models of the water cycle. Watercolour painting of rivers, waterfalls and coasts inspired by ‘The Flood’ text.

**Design Technology/ Cooking:**

Applique – river wildlife and features of rivers.

**Modern Foreign Language (Spanish):**

Talking about the people around me – family.

**History:** The history of a major river of the world – looking at settlements and trade links. Explorers of the great rivers (The Angel Falls and Orinoco and the River Nile and Victoria Falls).

**Geography:** The physical geography of rivers, mountains and biomes. Understanding the water cycle. Human geography: settlement and land use; natural resources – including energy and water.

**Outdoor Learning:**

Exploring what a ‘meander’ is in a river.

Making models of the water cycle.

Learning about condensation and water purification.

**Literacy:**

The Everyday Journeys of Ordinary Things by Libby Deutsch

Story Path by Kate Baker and Johnathan Swift’s Gulliver by Martin Jenkins

Flood by Alvaro F Villa.

**Where does water come from?**

Mardon

**OUR learning map**

Summer