

Floodland

Class text: Floodland by Marcus Sedgwick

Science: Electricity

As scientists, we will:

- Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in a circuit.
- Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.
- Use recognised symbols when representing a simple circuit in a diagram.

Design Technology: Floodproof houses

As designers, we will:

- Generate, develop, model and communicate our ideas through discussion, annotated diagrams and prototypes.
- Select from and use a wider range of materials and components.
- Investigate and analyse a range of existing products and our own ideas.
- Evaluating: as we design and make the product, test and evaluate the quality of its design, manufacture and fitness for purpose, in order to improve it.
- When completed, evaluate our product against original design specification.

Geography

As geographers, we will:

- Name and locate key local topographical features (**coasts and rivers**) and land-use patterns, including flood plains and flood defences, and understand how some of these have changed over time.
- Describe and understand key aspects of physical geography including **rivers** and the water cycle.
- Draw a thematic map to show flood projections and coastal erosion.
- Flooding in Eden: use digital technologies (website creation) to present evidence gathered from fieldwork.

RE

As theologians, we will study:

Theme: Easter Concept: Gospel

Key Question: Is Christianity still a strong religion 2000 years after Jesus was on Earth?

Religion: Christianity

History

As historians, we will:

- Learn about changes in Britain from the Bronze Age to the Iron Age, including Bronze Age religion, technology and travel, and Iron Age hill forts, tribal kingdoms and farming.

Computing

As computer users, we will:

- Learn about how web pages and websites are created.
- Select, use and combine software on a range of digital devices.

Art

As artists, we will:

- Continue to use our sketch books to record our observations and use them to review and revisit ideas.
- Improve the mastery of art techniques including drawing and painting with a range of materials.
- Learn about great artists in history and create pieces influenced by them (Hokusai's Great Wave).

Numeracy

As mathematicians, we will study:

- Number: Decimals, Percentages, Fractions
- Number: Algebra
- Measurement Converting Units
- Measurement: Perimeter, Area and Volume
- Ratio and scaling
- Geometry: Angles, Co-ordinates, Translations and Reflections

Literacy

As readers, we will:

- Expand our vocabulary - Word of the Day
- Participate in daily Guided Reading sessions, reading, discussing and evaluating a wide range of texts
- Identify themes, features and key points in a range of texts

As writers, we will

- Practise spelling and grammar every day
- Write to persuade, discuss, inform and entertain in a range of genres and text types linked to our topic and class text: *Floodland* by Marcus Sedgwick

French

As international speakers, we will:

- Show understanding in simple reading
- Adapt known language to create new ideas
- Describe people, places & things
- Understand basic grammar, e.g. gender

P.E: Orienteering, Gymnastics, Cross-Country Running

As sportspeople, we will:

- Develop flexibility, strength, technique, control and balance
- Compare performances with previous ones and demonstrate improvement.