

Flooding

Key Vocabulary:

flooding
aid
rapid-onset floods
slow-onset floods
flash floods
environment
community
prevention
mitigation

Home learning ideas:

- Design and build a model of a flood-proof house (see resources at <https://practicalaction.org/schools/beat-the-flood/>).
- Create a rain gauge.
- Present your own weather forecast.

PE:

Football
Basketball

Maths:

Four Operations

- Identify common factors, common multiples and prime numbers
- Solve problems involving addition, subtraction, multiplication and division

Measurement

- Solve problems involving the calculation and conversion of units of measure, using decimal notation, up to decimal places where appropriate
- Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit to a larger unit, and vice versa, using decimal notation to up to three decimal places
- Convert between miles and kilometres

Geometry

- Draw 2D shapes using given dimensions and angles
- Recognise, describe and build simple 3D shapes, including making nets
- Compare and classify geometric shapes based on their properties and sizes

Place Value

- Use negative numbers in context, and calculate intervals across zero
- Solve number and practical problems that involve all the above (see NC)

Fractions

- Compare and order fractions, including fractions > 1
- Add and subtract fractions with different denominators and mixed numbers
- Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts

Science:

Electricity

- Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the 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

Key questions for this area of learning:

- Why do rivers flood?
- What are the types of flooding?
- How can we plan and prepare for flooding?
- What are the dangers and impacts of flooding?
- How can we reduce flooding in the future?

English:

Story: Write an action narrative

Text used: The Catch

Letter: Write a persuasive letter

Texts used: Save Our River

Rainbow Grammar and SPaG:

Clause types, compound adjectives (hyphens), passive and active, devices for cohesion, expanded noun phrase, formal/informal structures, figurative language

Visits, visitors or key events:

- World Book Day: 6th March
- Mental Health Workshops



RSHE:

Drugs, Alcohol and Resistance Training

- Know some of the commonly available drugs and substances and their effects.
- Understand that there are some drugs that are restricted/illegal to own, use and give to others.
- Understand the effects that caffeine and energy drinks may have on my body.
- Understand why some adults may drink alcohol.
- Discuss if drinking alcohol is socially acceptable.
- Know the effects alcohol can have on our bodies.
- Know that drinking alcohol can affect people's behaviour.
- Know that smoking can damage your immediate and future health.
- Know what the effects of vaping can have on a growing body.
- Know that pressure to behave in an unacceptable, unhealthy or risky way can come from a variety of sources, including people who are known and the media.
- Recognise when and how to ask for help and use basic techniques for resisting pressure to do something dangerous, unhealthy, that makes you uncomfortable, anxious or that is believed to be wrong.
- Know who is responsible for helping us to stay healthy and ways that we can help others.

Computing:

Introduction to Spreadsheets

- Create and build a data set in a spreadsheet.
- Explain that formulas can be used to produce calculated data.
- Apply formulas to data.
- Create a spreadsheet to plan an event.
- To choose suitable ways to present data.

Design and Technology:

Electrical Buzz Wire Game

- Handle a collection of battery-powered electrical products.
- Generate innovative ideas by carrying out research using surveys. Interviews, questionnaires and web-based resources.
- Develop and communicate ideas through discussion, annotated drawings, exploded drawings and drawings from different views.
- Produce detailed lists of tools, equipment and materials and source own if required.
- Select from and use a range of tools and equipment to make products that are accurately assembled and well finished.
- Formulate step-by-step plans.
- Work within the constraints of time, resources and cost.
- Compare the final product to the original design specification.
- Test products with intended user and critically evaluate the quality of the design, manufacture, functionality and fitness for purpose.
- Consider the views of others to improve their work.
- Investigate famous manufacturing and engineering companies relevant to the project.

Geography:

Flooding

- Understand geographical similarities and differences in the UK and around the world, through the study of flooding.
- Understand how flooding interlinks with types of settlement and land use.
- Through a study of rivers, describe and understand rivers.
- Use the eight points of a compass.
- Use digital/computer mapping.



Religious Education:

Beliefs in action in the world

- Apply their ideas about justice and fairness to the work of various development charities such as Christian Aid, CAFOD, Muslim Hands, Islamic Relief, Sewa International and Oxfam.
- Write persuasively about the reasons why members of different religions and beliefs try to help people who are vulnerable.

Easter – Power and Hope

- Retell the Easter story from different perspectives.
- Debate the perspectives of the three Mary's, the disciples, Pontius Pilate and Barabbas.

Music:

Growth

- To perform and listen to music, including the works of great composers.
- To develop an understanding of musical composition, organising and manipulating ideas with musical structures and reproducing sounds from aural memory.
- To play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.