

Literacy

Reading Michael Morpurgo's *Kensuke's Kingdom*, studying it and writing activities based on it:

Write a 'Captain's Log' (diary) in character

Writing a persuasive letter

Writing from another character's perspective

Balanced Arguments (expressing opposite points of view in one piece)

Spelling, punctuation, grammar work, using different sentence starters, complex sentence structures, paragraphing.

Report writing – intros, concs and paras – on man's use of water (e.g. recycling of water, hydroelectricity etc, linked to Thames Water visit).

Non-Chronological Report on Water Usage

Science

Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets
Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution

Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
Demonstrate that dissolving, mixing and changes of state are reversible changes
explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

RE, PSHE and Citizenship

The role of water in baptism and in other religions (e.g. the River Ganges in Hinduism).
Effects of drought on communities.

School Nativity Play

School Value of the term - Determination

Year 5 Theme 2

Much of our curriculum will be delivered through the topic

Water

December - February



Special Events

Library Visit

Visit Thames Water – learn about man's use of water and recycling of water

Arts Week – 'Big Art' theme this year

French

French will continue to be taught by a specialist French teacher covering: giving directions, weather, shopping for food.

ICT

ActivInspire: Multimedia presentations on Water Recycling Process (Trip to Hogsmill)

Art and DT

Looking at how a variety of artists depict water. Colour mixing, using a range of different paint. Creating waves using a variety of materials including textiles.

Looking at reflections in water, close observational drawing and painting.

Mathematics

Written methods for multiplication & division.
Quick mental calculation for the 4 operations
Measures including capacity.

Reading scales (partially marked).

Data collection, graphs and analysis.

Word problems and problem solving (including capacity, rainfall etc.)

Percentages (and links to decimals and fractions).

Adding and subtracting fractions with the same denominator.

Equivalent and simplifying fractions

Collecting and presenting data on water use in the home

Written and mental method revision.

Humanities

Describe and understand key aspects of: physical geography, including: climate zones, vegetation belts, rivers, mountains and the water cycle.

Name and locate countries, geographical regions, key topographical features (including hills, mountains, coasts and rivers) and land-use patterns

Through Michael's journey in *Kensuke's Kingdom*: Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian time zones (including day and night).

Music

Taught by a specialist teacher. Children will listen to and appraise a wide variety of water-inspired music. They will explore the concept of melodic shape and gradations of dynamics (forte, piano, crescendo, diminuendo) using untuned percussion.

PE

Dance and movement to water themed music.
Hockey skills and tactics