



Science

Life cycles

- Stages in the life cycles of animals and plants
- How flowering plants have adapted specific parts to carry out pollination, fertilisation and seed growth. How seeds are dispersed.
- Recognise that plants make their own food to grow, repair, respire and reproduce.
- Examine similarities and differences between the human life cycle and other animal life cycles.

English

Older literature - wind in the willows, children to explore older stories and write a new adventure for Mr Toad.

Persuasive writing - flooding - Should new home be built on flood plains?

Poetry - *The River's Story* - by Brian Patten, Children to write their own version of the poem based on the river Hamble.



Music

River dance

Listen - using musical notation to recall

Composing + improvisation - tuned composition

Performing - fluent playing

Art

History of art - Monet painting in the style of the water lilies

Painting - painting in the style of a famous artist



Project Title: Water
Overarching Question: IS water more precious than gold and diamonds?
Year 5

ICT / computing

Presenting information: Combining software and hardware (microphones, cameras, etc) - rivers presentation.

Control: Using flowol to control flood defence mechanisms.

DT

Flood defences - use circuits, buzzers and LED lights to create a warning system when a river is flooded.

Link to ICT control technology - flowol.



Maths

Number - place value, addition and subtraction, multiplication and division, fractions (including decimals and percentages), **measurement**

Geometry - properties of shape, position and direction

Statistics



PDL / RE

Ritual - to explore the concept of ritual through the Islamic ritual of wudu.

Sacrifice - to explore the concept of sacrifice through the Christian Easter story.



Geography

Rivers - Children study the course of a river and through fieldwork study the River Hamble.

Natural disasters - As part of their work on water, children study natural disasters linked to water, such as flooding and drought and the impact of these disasters on communities.

