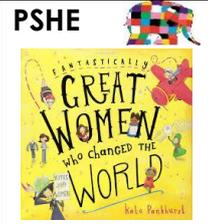
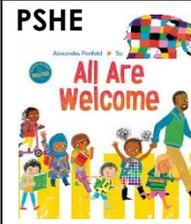
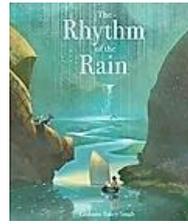
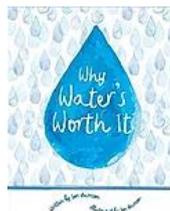
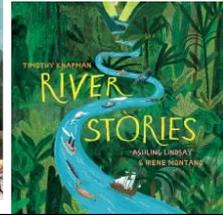
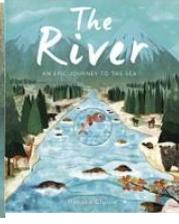
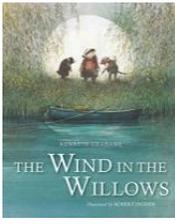


Year 4 Spring : Let it Flow

Books – Class Authors - Patricia Hegarty,



Writing Genre



Description of a river.
Narrative based on river story.
Poetry
Poem to perform about rivers.



Explanation of the water cycle
Biography on chosen artists.



Poster– Persuade people to save water

Science

Chemistry

States of matter

- Group materials based on their state of matter (solid, liquid, gas)
- Know the temperature at which materials change state.
- Know about and explore how some materials can change state.
- Know the part played by evaporation and condensation in the water cycle.

Working Scientifically

- Ask questions such as: Why are steam and ice the same thing?
- Set up a fair test with more than one variable.
- Explain to others why a test that has been set up is a fair one e.g. discover how fast ice melts in different temperatures.
- Measure carefully (taking account of mathematical knowledge up to Year 4) and add to scientific learning.
- Carry out tests to see, for example, see if a glass of ice weighs the same as a glass of water.
- Use a data logger to check on the time it takes ice to melt to water in different temperatures.
- Use a thermometer to measure temperature and know there are two main scales used to measure temperature.
- Use bar charts and other statistical tables (in line with Year 4 mathematics statistics) to record findings.
- Write up findings using a planning, doing and evaluating process.
- Group information according to common factors e.g. materials that make good conductors or insulators
- Able to amend predictions according to findings. Prepared to change ideas because of what has been found out during a scientific enquiry.
 - * Use a thermometer to measure temperature.
 - * Record results in a table and transfer to a line graph.

Geography

Rivers

Locational knowledge

* Know, name and locate the main rivers in the UK.

Human and physical features

- Know and label the main features of a river.
- Know the name of and locate a number of the world's longest rivers.
- Explain the features of a water cycle.
- Know why most cities are located by a river.
- Know the names of and locate at least eight major capital cities across the world.

Geographical skills and fieldwork

- Use Google Earth to locate a country or place of interest and to follow the journey of rivers, etc,
- Use coordinates knowledge to locate rivers and cities.

Art

Drawing, paintings and sculpture

- know how to use line, tone, shape and colour to represent figures and forms in movement and know how to show reflections.

Using sketch books

- use photographs to help create reflections.
- know how to integrate digital images into artwork.