

History

This half-term the children will be focussing on historical settlements near rivers including the Romans building London near the River Thames. In addition, they will be focussing on the historical city of York in Britain, which was built where the two rivers, the Ouse and Foss meet. They will also be focussing on the historical advantages for settlements near rivers and the different uses of rivers, for example the River Nile near Egypt.

Geography

This half-term we will be focussing on:

- ◆ The parts of a river
- ◆ The physical features of a river
- ◆ Famous rivers around the world
- ◆ Floodplains
- ◆ The effects of flooding on low-lying areas.

PSHE

This half-term, the children will be focussing on the theme of relationships. The objectives to be covered include:

- Recognising feelings in others
- Responding to how others are feeling
- Looking at positive and healthy relationships and friendships
- Maintaining friendships and working collaboratively
- Recognising and responding to bullying.

PE

This half-term, we will be focussing on gymnastics and developing our skills by learning a variety of balances, rolls and jumps. These include the pike, straddle, teddy bear roll, log roll, egg roll, over the shoulder roll and jumps from height. In addition, they will also be formulating different sequences in small groups.

Memorable experience

The children will be visiting the Thames Water Education Centre to learn about the water cycle and the journey our water takes from rivers to our homes!

Computing

Use the web to research on:

- ⇒ the properties and uses of plastic;
- ⇒ the problem of plastic pollution in our seas;
- ⇒ solutions to prevent further environmental damage;
- ⇒ Famous rivers around the world.

FLOW

Science

This half-term we will be focussing on:

- The water cycle and its main stages (including evaporation, condensation and precipitation)
- The different parts of a plant
- The adaptation of aquatic plants, both those living on the surface and underwater.
- The issues surrounding pollution of our oceans and seas and the danger this poses to various wildlife and plants.

Art/DT

This half-term, children will be looking at hydropower as a renewable source of energy and making their own water wheels. They will also be experimenting with water colours to make a variety of tints and shades to make their own piece of abstract water pattern. In addition, to tie in with the book they are reading in English, they will also have a go at making weaving patterns using plastic bags.

Literacy

This half-term, we will be reading the true story of Isatou Ceesay through the book *One Plastic Bag*. She saw the problem that the proliferation of plastic bags was causing in her country, the Gambia, contaminating the environment and killing the goats that swallowed them. She collaborated with other local women to create purses from the plastic bags, resulting in a thriving trade and reducing pollution.

The aims for this half-term include:

- To explore themes and issues, and develop and sustain ideas through discussion
- To develop creative responses to the text
- To write with confidence for real purposes and audiences
- To support the study of the value of innovation, perseverance, community initiatives and creative problem solving.

Maths

The concepts to be covered this half-term include:

- * measuring mass using scales, the different units to measure mass, specifically grams and kilograms.
- * reading weighing scales that have different values for each marking
- * solving word problems and more practise with bar modelling
- * measuring volume using millilitres and litres
- * Solving various problem-solving questions on volume and capacity
- * consolidating previous learning on recognising different denominations (both notes and coins) for money
- * simple addition and subtraction of money building on to solving word problems using bar modelling.



HOME LEARNING

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Be a landscape gardener! Visit a garden centre and look at water features. Could you make one in your garden? You'll need water, soil, pipes, jugs and maybe some pretty stones.

Place different items in a puddle or water-filled container to see which ones float and which ones sink. (Not your adult's mobile phone.)

Find out how to save water around the home. Make a list of top tips to advise your family on water conservation.

At the supermarket, check out and compare the ingredients of household cleaning products. Many contain harmful chemicals which are washed down the drain. Encourage your adults to buy eco-friendly products, or even make your own from natural substances like vinegar and lemon juice.

Make a rain gauge and use it to measure rainfall in your garden.

Experiment with water current. See if you can make things move in or across water without touching them.

Watch raindrops race down a window. Choose one to watch and see what happens as it meanders down and comes into contact with other droplets.