



Computing :
Touch Typing - Children will learn to navigate the keyboard.
Presenting with Powerpoint and Slides.
 Children will be making a powerpoint presentation about a river they will then be adding media, animations and transitions.

Science - Plants and Water cycle -
 -Children will identify the functions of different parts of flowering plants and explore what plants require to grow. They will also investigate how water is transported within plants. Children will learn about the importance flowers play in flowering plants.
 -Children will also make a model of the water cycle to help reinforce their understanding.

Literacy
Non Fiction: Writing a Non-Chronological Report about a River of the world.
Narrative: Writing a 'Journey tale' about their own water drop and it's journey around the world.
Poetry - Writing Clerihews
Reading: Core texts:
 'Rhythm of the rain'
 'Oliver and The Seawigs'

Art/Design Technology .
To understand how key events and individuals in design and technology have helped shape the world.
To evaluate their ideas and products against their own design criteria and identify solutions to problems with design or construction.

PSHE
'Families & Relationships'
 We will discuss friendships and understand that although we may encounter problems, these can be resolved. We will also explore the impact of bullying and what helps is available if someone is being bullied.

Geography
 The children will be using maps and atlases to identify the world's main rivers and locate them on a map, detailing some of their features. We will be finding out how water is used around the world and making our own water filters. As part of our International Mindedness, we will be exploring the issues of water access and sustainability, developing our own solar-powered water irrigation system and rain gauges.

Maths
Addition and Subtraction
 Add and Subtract 100's, 10's and 1's
 Add and subtract 2 and 3 digits numbers with and without exchanging
 Add and subtract 2 3 digit numbers with exchanging
 Estimate answers
 Use the inverse to check calculations
 Find missing numbers
Multiplication and division
 Using Arrays
 2,5,3,4 and 8 times tables
 Make equal groups - by grouping and sharing
 Dividing by 2,5,3,4 and 8

Music
 This unit provides pupils with the stimulus of water as a basis for singing, performing, composing, improvising and listening and appraising to a wide variety of water-inspired music. Pupils explore the concept of melodic shape, identifying melodies that move by step and leap and compose their own "wandering river" melody using an entirely stepwise motion which is used as part of a larger-scale composition, describing the various stages of the water cycle.

MFL:
Arabic (Natives)
 Continue blending and segmenting words. Present and past tenses (he/she). Continue practising long vowels. Feminine and masculine. Possessive pronouns.
Arabic (MFL)
 Family tree- My family My name is - I have one/ two- big/ small brothers/ sisters. I love my family- I like...My birthday is in...birthday celebration activities- Write short sentences about families, using numbers, adjectives- Make nice posters and booklets.
 Mum/dad/sister/brother/grandpa/grandma/m e
 جدة - جد - أخ - أخت - أب - أم
French
 Asking and giving names/ ask for and state age / colours/ numbers.
Spanish
 Asking and giving names/ ask for and state age / colours/ numbers.

PE -
Handball - practice and develop the passing, dribbling and defensive skills used in competitive situations. Build into competitive situations after learning the basic skills
Gymnastics - learning different methods of rotation, travel and flight. Composing a routine to incorporate these aspects.

Drama
 Acting and Performing. Rehearse dialogue and events to interpret a script.

Year 3 Topic: *Hello H₂O*

The Big Picture

Water Water Water is everywhere! Water has and continues to shape the world we live in today. This half term, we're going to explore the world of water, how it behaves, who has access to it and how all life needs water to survive.

As part of our entry point into the topic the children will be carrying out fun water experiments and completing water challenges! During the topic, the children will find out about plant life and it's importance. They will have fun constructing our own water irrigation system to support the plants in the school garden, make water filters and rain gauges. We will learn about where our water comes from and good water management. We will explore issues of access and sustainability and how we can do our part to promote positive water use.

As part of our Science learning about the water cycle we will be investigating the world's rivers and the children will create a powerpoint of their learning using their new IT skills!

This topic the children will be reading the fabulous 'Rhythm of the Rain' by Graeme Baker- Smith and the wonderful 'The Journey to the River Sea' by Eva Ibbotson as part of their class reading. At the end of the project, we hope to have our water irrigation system up and running for the school garden.



Trips, Events, Dates

Trips

To help support our learning we will be going on the following trips:

- The River Nile
- Fagonoon Park

We would love to know if

- you have any suggestions for activities
- have any relevant skills to share or talk to the children about in terms of water management.

How you can help..

We may need some materials so the children can make their 'Irrigation Systems' - An email will be sent closer to the time with what materials we may need.