



Year 4 Autumn Term – Our Watery World

English

Our class story books are:

The Giraffe, The Pelly and Me by Roald Dahl

The Boy at the Back of the Class by Onjali Q Rauf

The Pugs of the Frozen North by Philip Reeve and Sarah McIntyre

Film unit – The Lighthouse

- Reading and Writing – A range of picture books linked to rivers. Poetry, diaries, non- chronological reports. Narrative texts – describing settings, characters and writing stories
- Use a / an
- Conjunctions
- Speech punctuation
- Pronouns
- Fronted adverbials
- Weekly spelling focus using a range of patterns and strategies

Maths

Times tables – all pupils should be able to recall all times tables facts up to 12 x 12 by June 2023 when they will be completing an online multiplication check (national testing)

- Understand place value in numbers up to 10,000
- Round, order, compare numbers
- Use negative numbers
- Use Roman numerals
- Understand addition and subtraction using column methods for up to 4 digit numbers
- Use length in mm, cm, m and km
- Calculate area
- Multiply and divide numbers by 0, 1, 10, 100
- Ongoing times tables practice and rapid recall of facts



Science

States of Matter

- Compare and group materials as solids, liquids and gases
- Investigate melting, freezing, evaporation and condensation
- Explain the stages of the Water Cycle
- Plan and carry out fair tests, record observations and use results to draw conclusions

Geography

Rivers:

- Know how rivers are formed and where they can be found
- Know how rivers used
- Field work – trip to Maldon prom – identify features of our local river

The Amazon Rainforest:

- Recognise what a rainforest is and locate the world's rainforests on a map
- Recognise the features that make up a rainforest
- Explain the different layers of life in a rainforest
- Describe and explain the impact of the deforestation of rainforests
- Explain the importance of the Amazon Rainforest

Computing

Computer systems and networks:

- Understand how networks make up the internet
- Know that content of websites is added and shared by people
- Evaluate the consequences of unreliable content

Logo:

- Create a programme in a text-based language
- Create a program that uses count-controlled loops to produce a given outcome



PSHE

Me and My Relationships:

- Understand positive, healthy relationships and assertive strategies for when to say “no”
- Understand and show qualities for collaborating and working as part of a team
- Give examples of strategies to respond to being bullied including what people can do or say

RE

Buddhism - Enquiry question: Is it possible for everyone to be happy?

- Know the story of the Buddha
- Consider the choices he made and the outcomes of his actions
- Reflect from their own point of view and that of a buddhist

Christianity – Enquiry Question: What is the most significant part of the Nativity Story for Christians today?

- Know the significance of Christmas to Christians
- Know the meanings of some Christian symbols
- Ask questions about what Christmas means to Christians and compare this with what it means to me

Art

Sculpture:

- Learn about great artists, architects and designers in history
- Create sketchbooks to record observations and use them to review and revisit ideas
- Develop techniques, including control and use of materials and with increasing awareness of different types of art, craft and design

A decorative border of small globe icons, each showing a different continent, surrounds the text. The globes are arranged in a rectangular frame with 15 icons on each of the four sides.

Design and Technology

Mechanical Systems

- Understand that all moving things have kinetic energy and that the shape of an object will affect how it moves due to air resistance
- Select from a range of tools and equipment to perform practical tasks- cutting, shaping, joining, finishing
- Understand how to strengthen, stiffen and reinforce structures
- Understand and use mechanical systems in their products
- Evaluate their own design and ideas against their own design criteria and consider the views of others to improve their work

French

Phonetics:

- Know and pronounce accurately the first ten phonemes

Les Fruits:

- Listen and engage with a different language
- Know and pronounce accurately the names of ten fruits
- Use the terms “J’ aime” and “Je n’aime pas” to express opinions in sentences

PE

- Tennis
- Swimming
- Daily Mile

Music

Charanga scheme –

“Mama Mia”

Whole class ukulele lessons