



## Year 4 Autumn Term – Our Watery World

### English

Our class story books are:

The Giraffe, The Pelly and Me by Roald Dahl

Bill's New Frock by Anne Fine

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:**

- Describe how rivers are used around the world and identify the features of one of the world's longest rivers
- Identify the stages and features of a river and how land use changes from the source to the mouth
- Recognise and explain how human activity affects rivers and how flooding affects communities
- Field work – trip to Maldon prom

### **South America: The Amazon Basin:**

- Locate South America on a world map, identify key physical and human features, locate countries and capital cities
- Compare Brazil with our country
- Identify the key features of the Amazon basin

### **The Amazon Rainforest:**

- Locate the world's rainforests on a map
- Recognise the features that make up a rainforest and explain the different layers of life in a rainforest
- Describe the key features of the Congo
- 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:**

- Know where Buddhism was founded, explain some of the main Buddhist beliefs, symbols and special places
- Make links between their own beliefs and those of other faiths or beliefs

## 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



## 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

