

## Maths

### **Place Value**

Numbers to 10,000  
Numbers to 100,000  
Numbers to a million  
Numbers to 10 million  
Compare and order any number  
Round numbers to 10, 100 and 1000  
Round any numbers  
Negative numbers

### **Number: addition, subtraction, multiplication and division.**

Add and subtract whole numbers with more than 4 digits.  
Inverse operations  
Multiply up to a 4-digit number by a 2-digit number  
Divide 4-digits by 1-digit  
Divide with remainder  
Short division  
Division using factors  
Long division  
Factors  
Multiples  
Primes  
Squares and cubes  
Order of operations  
Mental calculations and estimation  
Reasoning from known facts.

## Music

Improvise and compose music for a range of purposes using the inter-related dimensions of music  
Listen with attention to detail and recall sounds with increasing aural memory

## Computing

### **Unit 1 Online Safety**

Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact

### **Unit 2 coding**

Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.

## English

### **Book Study:**

Core text – ‘*Deadman’s Cove*’ by Lauren St. John

### **Reading:**

The strands we will be focusing on are:

- Language
- Stating predictions
- Inferring and deducing
- Themes in texts

### **Writing Genres:**

- Mystery narrative (using our class book study).
- Non-chronological writing (a newspaper report).
- Poetry (sea-based poems).

## Geography

### **Geographical Skills and Fieldwork**

Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

Use the 8 points of a compass, 4 and 6-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world

Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.

## History

Learn about:

The history of the RNLI.

The chronology of the events of the tragedy of the Mary Stanford.

The legacy of this tragedy.

## DT

### **Making a Model lifeboat**

- Generate, develop, model and communicate ideas through discussion, annotated sketches and cross-sectional diagrams.
- Select from and use a wider range of materials and components.
- Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.
- Apply their understanding of how to strengthen, stiffen and reinforce more complex structures

## Grammar, punctuation and spelling

-Recap previous learning: sentence structure and punctuation (full stops, exclamation and question marks).

- Past and present tense
- Fronted adverbials
- Adverbs for time, place and cause (next, then, therefore, soon).
- Paragraphs (for cohesion).

- Recap key Common Exception Words.
- Year 5-6 statutory spellings.
- Suffixes –ible, -able, -ably and –ibly.
- Words with the letter string ‘ough’ (although, cough).
- Silent letter words (thumb, island).
- Homophones (isle/aisle, aloud/allowed).

## Science

Animals including humans

Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.

Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.

Describe the ways in which nutrients and water are transported within animals, including humans.

## PSHE

### **Being me in My World**

1. My year ahead
2. Being a global citizen 1
3. Being a global citizen 2
4. The learning charter
5. Consequences
6. Owning our learning charter

## PE

### **Gymnastics**

Develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics]

### **Invasion Games**

Use running, jumping, throwing and catching in isolation and in combination

Play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending.

## RE

Allah

The 5 Pillars of Islam

Shahadah

Salat

Islamic Art

# Year 5 and 6 – Term 1 ‘Storms and Shipwrecks’