

## Science

### States of Matter

- Compare and group materials together, solids, liquids or gases.
- Observe that some materials change state when heated or cooled
- Measure the temperature at which materials change state.
- Introduce the water cycle

## Maths

### Addition and Subtraction

#### Year 3

- Add and subtract numbers mentally, including:  
a three-digit number and ones, a three-digit number and tens  
a three-digit number and hundreds
- Add and subtract numbers with up to three digits, using formal written methods of column addition and subtraction
- Estimate the answer to a calculation and use inverse operations to check answers
- Solve problems, including missing number facts, place value, and more complex addition and subtraction.

#### Year 4

- Add and subtract numbers with up to 4 digits using the formal written methods of column addition and subtraction where appropriate
- Estimate and use inverse operations to check answers to a calculation
- Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.

### Properties of Shape

#### Year 3

- Describe and identify turns and angles
- Draw and label Horizontal and vertical lines
- Understand the terms parallel and perpendicular
- Recognise and describe 2D and 3D shapes
- Make 3D shapes

#### Year 4

- Compare and order angles
- Investigate triangles and quadrilaterals
- Identify and draw lines of symmetry and symmetrical figures

## Music:

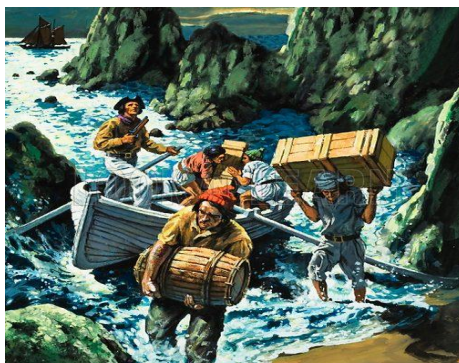
- To listen to and appreciate music:  
La Mer by Debussy
- Learn and perform Sea shanties
- Christmas Carol concert preparation

## Computing:

### Creating Media, Photo editing: Create an edited image for a Calendar

- Develop an understanding of how digital images can be changed and edited, and how they can then be resaved and reused.
- They will consider the impact that editing images can have, and evaluate the effectiveness of their choices.

## Smugglers



### Our Core value this term is:

#### Trust

- Knowing our friends will support us (Ecclesiastes 4.9-10)
- Knowing Jesus is with us in stormy times (Mark 4.35-41)
- Standing on God's promises (Psalm 18.2)
- Being trustworthy, not gossiping (Proverbs 11.13)
- Trusting God (Isaiah 49.16)

## PE

- Swimming on a Friday morning for all
- Football on a Wednesday morning with Ms Moore

## Literacy

Narrative: Moonfleet by J.Meade Falkner

Poetry: The Smugglers' Song

- Studying and performing poems
  - Writing newspaper reports and diary entries based on the Moonfleet story
  - Weekly spelling rule
  - Grammar x3 weekly input
- During VIPERS whole class reading sessions- In Flanders Fields by John McCrae, (link to Remembrance Day)
- One Christmas Wish - Katherine Rundell

## History

### A Local History Study

Using local sources of information to investigate:

- Understand how our knowledge of the past is constructed from a range of sources.
- construct informed responses that involve thoughtful selection and organisation of relevant historical information.
- Develop a chronologically secure knowledge and understanding of local smuggling history.
- Find out about the everyday lives of people in time studied compared with our life today;
- Explain how people and events in the past have influenced life today
- Present, communicate and organise ideas about the past using drama role play

#### Explore these questions:

Why did smuggling start? Who were smugglers?

- Why did people smuggle? Where, in Dorset did smuggling occur?
- How was smuggling viewed by society?

## R.E- Christianity

What is it like to follow God?

The story of Noah

## Art/Design and Technology:

- Develop drawing and painting skills to create a picture based on the work of English painter George Morland
- Design and make a Christmas tree decoration for the school tree

## PSHE

SCARF - Valuing Differences