

## Mathematics

### Multiplication and Division

To calculate 2-digit multiplied and divided by 1-digit numbers using a formal written method.

To solve missing number problems including positive integer scaling problems and correspondence problems.

### Shape

To draw 2-D shapes, know their names and describe them.

To make 3-D shapes using modelling materials, recognise them in different orientations and describe them.

To recognise right, acute or obtuse angles within a shape.

### Fractions

To compare and order fractions with the same denominator within one whole.

To Count up and down in tenths: recognise as fraction and as decimal.

To recognise and show equivalent fractions with small denominators.

To recognize, find and write fractions of a discrete set of objects:

unit fractions and non-unit fractions with small denominators:

particular attention to half, quarter and three-quarters.

## Science

**Forces and Magnets-** To understand magnetism, different types of magnets, the earth as a magnet, magnetic fields, the law of attraction and compare how things move on different surfaces.

**Animals including Humans-** To understand the importance of nutrition, naming bones in the human skeleton, understand voluntary and involuntary muscles, explain purpose of tendons and ligaments and describe how bones and muscles are used for protection, movement and support.

## Computing

### Computer Science

To use selection or conditionals in my programs (if x happens, y happens).

To debug programs multiple times to accomplish specific goals.

### Digital Literacy

To evaluate and make decisions relating to digital content.

To create and use strong passwords.

To understand copying people's work from the internet can cause problems.

## Music - Create a piece of river inspired music.

To use and understand staff and other musical notations

To listen with attention to detail and recall sounds with increasing aural memory.

## Geography

Compare and contrast areas of North America and study the human and physical geography of Florida and San Francisco.

To name the world's oceans and seas and understand the different layers of the ocean.

To identify the sea creatures living within each environment of the ocean.

To understand the challenges facing the oceans e.g pollution, fishing etc.

## English

### English Texts

Mousehole cat (narrative)

Ocean Explorers Fact-files (non-fiction)

Diary writing in role as a sailor.

Playscript writing.

Persuasive speech writing relating to plastic pollution.

### Grammar Focus:

Inverted commas for direct speech.

Fronted adverbials and rearranging

Preposition openers or phrases

Apostrophes for plural nouns.

Investigating first, second and third person.

**Spelling (see overview).**

## Religious Education

**Islam** - How do festivals and worship show what matters to a Muslim.

**Judaism**- How do festivals and family life show what matters to Jewish people?

## Art/DT

### Painting

Pointillism- Understanding and developing Pointillism technique.

Applying pointillism technique to create a river scene in the style of Seurat.

Printing- Developing different techniques- carbon, relief, press, fabric and rubbings.

### Construction

Design and create bridges using a range of materials.

Construct canoes using natural materials.

## History

Research the history of fishing in Cornwall.

Compare the lives of fishermen living in the past with today.

To understand the impact that technology has had on the fishing industry.

Research the history of Green Peace and understand why people wanted to make changes.

# **Rivers and Oceans Year 3 2020 Spring Term**

## P.E.

### Tag Rugby

To throw a rugby ball with accuracy.

To pass the ball backwards in a line of players.

To select the best ways to attack and defend the opposing team.

To select the best way to defend.

To select the best way to attack and defend.

## RSHE

British Values

**SCARF**

Keeping Myself Safe  
Rights and Responsibilities.