



Oak Class – Yr4/5  
Miss Mayo  
Curriculum Information  
Spring term 2026

### Science

Children in Year 5 will be learning about, and Year 4 will be learning about

#### Spring 1 Y5 – Properties of Materials - Learning includes:

Testing materials for magnetism, transparency, hardness, electrical conductivity and insulation.

#### Spring 1 Y4 – Sound - Learning includes:

Vibrations, the ear, investigating sounds, exploring volume, exploring pitch and a volume experiment.

#### Spring 2 Y5 – Animals including Humans and Life Cycles - Learning includes:

The Human Lifecycle, babies and children, adolescence and puberty, adults and the elderly, gestation periods of mammals, and gestations periods and lifespan.

#### Spring 2 Y4– Electricity - Learning includes:

Exploring common appliances, building series circuits, conductors and insulators and conductivity within a circuit.

### Mathematics – Y5

-**Multiplication and division:** long multiplication and division, and using these operations to solve word problems

-**Fractions:** multiplying fractions by integers, calculating a fraction of an amount and finding the whole.

-**Decimals and Percentages:** equivalent fractions and decimals, thousandths on a place value chart, rounding to whole numbers and decimal place, percentages as fractions, percentages as decimals, equivalent percentages, fractions and decimals

-**Perimeter and Area:** Perimeter of rectilinear shapes and polygons, area of rectangles and compound shapes

-**Statistics:** Read, interpret and draw line graphs, tables and timetables.

This Term's Topic is:  
Haslingfield  
Explorers and  
Coastal Explorers

### Mathematics – Y4

-**Multiplication and division:** multiplying and dividing by 10 and 100, multiplying and dividing 2-and-3-digit numbers by a 1-digit number

-**Length and Perimeter:** Measuring in kilometres and metres, perimeter of rectilinear shapes, finding missing lengths, perimeter of regular and irregular polygons

-**Fractions:** Understanding the whole, understanding mixed numbers, understanding improper fractions, how to convert between improper fractions and mixed numbers, equivalent fractions, adding and subtracting fractions

-**Decimals:** tenths and hundredths

### English

#### Autumn 1: Haslingfield Explorers

##### Non-fiction texts about Haslingfield

-Creating an information booklet all about a guide to the Village of Haslingfield

-Writing a persuasive advert for an estate agent to persuade people to move to Haslingfield

-Persuasive presentation all about Haslingfield

-Instructions on how to get around Haslingfield

#### Autumn 2: Coastal Explorers

##### Malamander – Thomas Taylor

##### Flotsam – David Wiesner

-Writing a narrative about what you find washed up on the beach, with reference to Flotsam

- Creating a non-fiction text about their own mythical creature/sea monster using Malamander as inspiration

-Writing poetry linked to the sounds of the sea and storms

#### Guided reading texts:

-The Monsters of Rookhaven – Pdraig Kenny

-Flotsam – David Wiesner

Malamander – Thomas Taylor

#### Spelling, punctuation and grammar -

-Basics of word class

Simple, Compound and complex sentences for effect

-Statuary spellings and word of the day every morning in early morning work

-Creating effect for audience and purpose, with a focus on sentence structure

-Fronted adverbials

-Relative clauses, including parenthesis

-Apostrophes for contraction and possession

-Converting adjectives into verbs using suffixes (e.g. – ate; -ise; -ify).

-Homophones

## Topic

### Main focus – Haslingfield Explorers and Coastal Explorers

#### Spring 1: Haslingfield Explorers

- Learning about the geography of Haslingfield and how maps might have changed from the past
- Locating key areas of Haslingfield
- Drawing a map of a route around Haslingfield
- Use a compass correctly
- Study of the history of Cambridge, focussing on the university

#### Spring 2: Coastal Explorers

- Know the geographical features of UK coast
- Know where Hunstanton, Great Yarmouth and Felixstowe are on a map of the UK
- Know where Skala in Kefalonia is on a map of Europe
- Be able to plot follow and draw routes to each location
- Use keys to identify significant areas like shops, piers, beach, church, cliff etc.
- Explore differences in climate
- Explore differences in surrounding environment, tourism and food

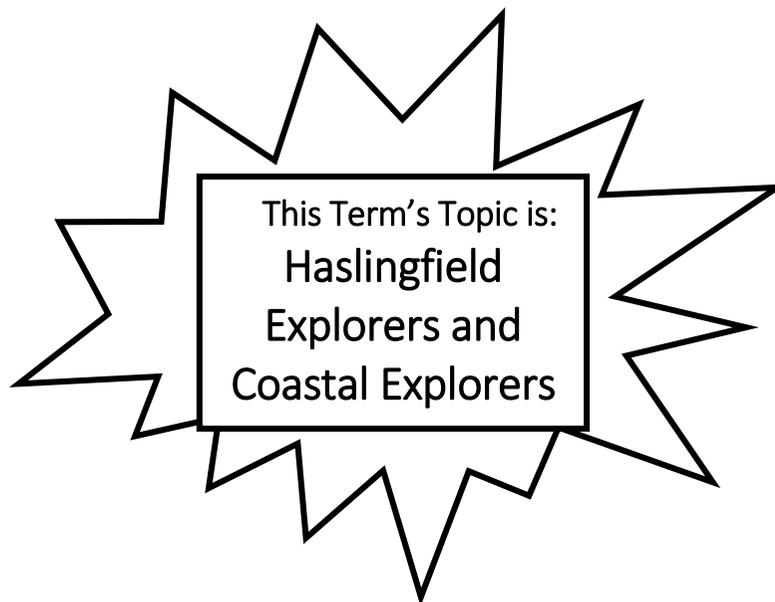
## PSHE

### Identity, Diversity and Community

- Exploring how identity is shaped
- How gender, peers and the media influence identity behaviour and choices

## Music

Oak class will be focussing on dynamics, pitch and tempo this term.  
They will be singing, listening, using repetition, using percussion and then performing their ideas at the end of the unit.



## Spanish

### Spring 1: Weather in Spain

- Weather words
- Compass points
- Weather forecast and being Spanish weather presenters

### Spring 2: In a Spanish cafe

- Reading a menu
- Ordering food and drink
- Café conversation and roleplay

## Physical Education

On our Wednesday sessions, Oak Class will be having PE with Mrs Chadwick,  
Spring 1: Gymnastics

## Computing and Art

### Computing

Spring 1: Creating Media – Stop Motion animation

- Exploring what animation is
- Delving into stop-motion
- Planning a project
- Creating a project
- Editing the animation together

Spring 2: Programming Music

- Using Scratch music elements
- Creating a programme that plays music from a given genre
- Planning a soundtrack for a specific film genre
- Programming a soundtrack
- Evaluating soundtracks

### Art

This term Oak Class will be looking at interactive installation art, in our unit on Sculpture and 3D artwork. They will work with a range of media, using space and scale to inform their creative decision making when creating a final piece. In this unit they will cover:

- Showing an understanding of installation artwork
- Creating box designs and evaluating these
- Creating an installation plan, model or space
- Describe how their space conveys a message
- Make choices about the materials used and arrangement of items in the space