

# Year 4 Curriculum Overview Spring 2023

## ENGLISH

### Writing

#### Texts used:

- Winter's Child by Angela McAllister & Grahame Baker Smith
- The Selfish Giant by Oscar Wilde
- The Lion and the Unicorn
- Odd and the Frost Giants

#### Vocabulary, Grammar & Punctuation

- Introduction to paragraphs as a way to group related material
- Introduction to inverted commas to punctuate direct speech
- Noun phrases expanded by the addition of modifying adjectives, nouns and preposition phrases (e.g. the teacher expanded to: the strict maths teacher with curly hair)
- Fronted adverbials [for example, Later that day, I heard the bad news.]
- Use of paragraphs to organise ideas around a theme
- Use of inverted commas and other punctuation to indicate direct speech
- Expressing time, place and cause using conjunctions
- Appropriate choice of pronoun or noun within and across sentences to aid cohesion and avoid repetition
- Use of commas after fronted adverbials
- Headings and sub-headings to aid presentation
- Use of the present perfect form of verbs instead of the simple past [for example, He has gone out to play contrasted with He went out to play]
- The grammatical difference between plural and possessive –s
- Standard English forms for verb inflections instead of local spoken forms
- Apostrophes to mark plural possession [for example, the girl's name, the girls' names]
- Discussing writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar

#### Writing (Composition)

- Discussing and recording ideas
- Discussing writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar
- Composing and rehearsing sentences orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures
- Organising paragraphs around a theme
- In narratives, creating settings, characters and plot
- Assessing the effectiveness of their own and others' writing and suggesting improvements
- Proposing changes to grammar and vocabulary to improve consistency, including the accurate use of pronouns in sentences

### Reading

#### Texts used:

- The Firework-Maker's Daughter by Philip Pullman
- Tamarind and the Star of Ishta by Jasbinder Bilan
- Letters from the Lighthouse
- How Does a Lighthouse Work?

#### We will learn the following:

- Give/explain the meaning of words in context
- Retrieve and record information /identify key details from fiction and non-fiction
- Summarise main ideas from more than one paragraph
- Make inferences from the text/explain and justify inferences with evidence from the text
- Predict what might happen from details stated and implied
- Identify /explain how information / narrative content is related and contributes to meaning as whole
- Identify/ explain how meaning is enhanced through choice of words and phrases
- Make comparisons within the text

### Spelling

#### We will be learning the following spelling patterns:

Adding suffixes beginning with vowel letters to words of more than one syllable  
Words ending with /g/ sound spelt -gue and the /k/ sound spelt -que (French in origin)  
Prefixes: re-, anti-  
Words with the /k/sound spelt ch (Greek in origin)  
Words with the /j/ sound spelt ch (mostly French in origin)  
Words with the /s/ sound spelt sc (Latin in origin)  
The /ʌ/ sound spelt ou  
More Prefixes: Super-, Im-, In-, Il-, Ir-  
Words with the /eɪ/sound spelt ei, eigh, ay or ey

#### Words from the statutory Year 5 6 List:

disappear/early/earth/enough/February  
earth, believe, build, actual(ly),  
occasion(ally), particular, perhaps,  
though/although, separate, eight  
address, busy/business, difficult,  
experience, heart, history, potatoes,  
recent, believe, breath, famous,  
naughty, reign, strength, special,  
surprises, favourite, considered

# MATHS

## Multiplication and Division

Factor pairs  
Use factor pairs  
Multiply by 10  
Multiply by 100  
Divide by 10  
Divide by 100  
Related facts – multiplication and division  
Informal written methods for multiplication  
Multiply a 2-digit number by a 1-digit number  
Multiply a 3-digit number by a 1-digit number  
Divide a 2-digit number by a 1-digit number  
Divide a 2-digit number by a 1-digit number  
Divide a 3-digit number by a 1-digit number  
Correspondence problems  
Efficient multiplication

## Length and Perimeter

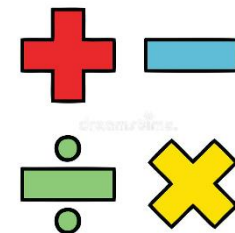
Measure in kilometres and metres  
Equivalent lengths (kilometres and metres)  
Perimeter on a grid  
Perimeter of a rectangle  
Perimeter of rectilinear shapes  
Find missing lengths in rectilinear shapes  
Calculate perimeter of rectilinear shapes  
Perimeter of regular polygons  
Perimeter of polygons

## Fractions

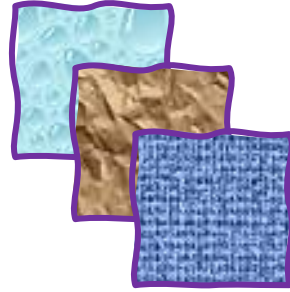
Understand the whole  
Count beyond 1  
Partition a mixed number  
Number lines with mixed numbers  
Compare and order mixed numbers  
Understand improper fractions  
Convert mixed numbers to improper fractions  
Convert improper fractions to mixed numbers  
Equivalent fractions on a number line  
Equivalent fraction families  
Add two or more fractions  
Add fractions and mixed numbers  
Subtract two fractions  
Subtract from whole amounts  
Subtract from mixed numbers

## Decimals

Tenths as fractions  
Tenths as decimals  
Tenths on a place value chart  
Tenths on a number line  
Divide a 1-digit number by 10  
Divide a 2-digit number by 10  
Hundredths as fractions  
Hundredths as decimals  
Hundredths on a place value chart  
Divide a 1- or 2-digit number by 100



## ART & DESIGN



### Exploring Pattern

Disciplines: Drawing, Collage, Design

Key Concepts:

- That the act of making drawings can be mindful.
- That we can use line, shape and colour to create patterns.
- That we can use folding, cutting and collage to help us create pattern.
- That we can create repeated patterns to apply to a range of products or outcomes.

## COMPUTING

### Programming – Repetition in Shapes

We will learn:

- To identify that accuracy in programming is important
- To create a program in a text-based language
- To explain what 'repeat' means
- To modify a count-controlled loop to produce a given outcome
- To decompose a task into small steps
- To create a program that uses count-controlled loops to produce a given outcome

## DESIGN & TECHNOLOGY

### The Great Bread Bake Off



We will learn:

- about important people and events in the past that have shaped the way bread is made and sold today.
- To investigate and analyse existing products according to their characteristics.
- To develop a design criteria.
- To think of original ideas for a product based on design criteria.
- To develop designs based on design criteria and clearly communicate final designs
- To select ingredients and kitchen equipment to help me follow a bread making recipe.
- To knead and bake.

## GEOGRAPHY

### What's it like in Whitby?

We will learn:

- To identify Whitby and its major features.
- To compare the physical geography of Whitby with that of our own area.
- To identify Whitby and its major features
- To compare the human geography of Whitby with that of our own area
- To create a travel guide for a trip to Whitby
- To compare the physical and human features of Whitby with those of the area we live in.

## HISTORY



### Crime and Punishment

#### We will learn:

- About and to compare the punishments that were used during the Roman, Anglo Saxon, Tudor and Victorian times and give some reasons for them.
- To explain some key terms in the history of crime and punishment in Britain
- To use primary sources to decide what are facts, what opinions can be formed from the evidence, and identify the questions they have about the life of the highway man Dick Turpin.
- To compare modern day crime and punishment with those from the past, and talk about the legacy of past methods of crime prevention and detection with those of the present day

## LANGUAGES: FRENCH

### Going Shopping and Where in the World

#### We will learn:

- to express an opinion in French.
- To write sentence answers to a question, using quantifiers.
- To change the French word for 'the' to the French word for 'some'.
- To use adjectives to describe nouns.
- To ask and answer a question in French.
- To distinguish masculine and feminine nouns.
- To use the correct masculine/feminine preposition.
- To use an English/French dictionary to translate from English to French.
- To use pronouns.
- To use the past tense in a sentence.
- To understand that because a continent is always feminine the preposition 'en' is always used for 'in'

## MUSIC



### Trumpets

#### We will learn to:

- Perform music from appropriate notation – recognise and play 4 beat, 2 beat, 1 beat, ½ beat notes and rests.
- Recognise pitch and play different melodies and rhythms – play C,D, E and B on the trumpet and play pieces using a combination of these notes.
- Control their sound quality on the trumpet – be aware of whether they are playing the correct note.
- Understand and demonstrate musical vocabulary; tempo, pitch, duration, dynamics.
- Count accurately and interpret rests and pauses.
- Perform as part of an ensemble.

## P.E.

### Dance and Net & Wall Games

#### We will learn:

- Partner work, linking movements and creating routines.
- Racket skills, serving, receiving.

## **P.S.H.E.**

### **Nutrition and Food – Communication – Emotions Health and Wellbeing, Relationships**

#### **We will learn:**

- To make informed decisions about food
- To plan a well-balanced meal
- To inform others about healthy eating
- Understand why it is important to listen to others
- To know how to communicate our opinions in a group setting
- To know that loneliness can affect children and that it is important to discuss their feelings and seek support
- To understand that family units can be different and can sometimes change
- To understand that others' families can look different to their own but to respect those differences.

## **R.E.**

### **Salvation**

#### **We will learn:**

- To recognise that Christians refer to Jesus as 'the Saviour' or as 'my Saviour'.
- To explain the Christian Salvation story
- To recall the key features of the story of Zacchaeus
- To recall the story of Jesus' death on the cross.
- That Christians believe that because Jesus died they can be forgiven by God.

## **SCIENCE**

### **States of Matter**

#### **We will learn:**

- The difference in structure between solids, liquids or gases.
- Melting is a change of state from solid to liquid. The melting point of water is 0°C.
- Freezing is a change of state from liquid to solid. The freezing point of water is 0°C.
- Boiling is a change of state from liquid to gas. Water boils when it is heated to 100°C.
- Evaporation is the change from a liquid to a gas at the surface of the liquid.
- Condensation is the change from a gas to a liquid, caused by cooling.
- The water cycle is the never-ending process of water moving from the oceans, up into the atmosphere, and back to the Earth and oceans. It involves evaporation and condensation.

## **AWARENESS AND ENRICHMENT OPPORTUNITIES**

- Children's Mental Health Week - February 6th
- Safer Internet Day - Tuesday 7<sup>th</sup> February
- World Book Day - Thursday 2<sup>nd</sup> March