



# Year 4 Curriculum Overview Autumn Term 2020

## English

### Reading

We will be learning the following:

- We will be exploring the work of author Emma Carroll
- Asking questions to improve their understanding of text.
- Predicting what might happen from details stated and implied.
- Identify how language, structure and presentation contribute to meaning.
- Listening to a wide range of fiction, poetry, plays, non-fiction and reference and text books.

### Fiction Writing

We will be learning the following:

- We will be reading these texts- BFG, Wonder
- Settings and the techniques authors have used to create these. We will be creating our own settings based on these techniques.
- Develop our own characters based on the books we are studying.
- Use grammar techniques such as: Expanded noun phrases, fronted adverbials, conjunctions, pronouns as well as full stops and capital letters

### Non-Fiction Writing

We will be learning the following:

- Writing informal letters to our friends and formal letters to visitors to the school.
- Learning how to set out formal and informal letters and the differences between in language and style.
- Learning how to write non-chronological reports- how these are set out and the language and style used.
- How to redraft and edit our work
- Grammar techniques such as, preposition, adverbial phrases, noun phrases, paragraphs
- **SPELLING AND PHONICS**

### Spelling

We will be learning the following:

- Prefixes, homophones, near homophones, different spellings of the suffix –shun and words from the Statutory Yr3/4 list.

## Topic: History and Geography

In History, we will answer the question “What impact did the Roman Empire have on Britain?”

We will be learning the following:

- Understanding the Roman civilisation and the process of the Roman invasion of Europe
- Learn about importance of roads to the Romans and why the Romans built these in straight lines
- recognise the significance of Boudicca to the Roman empire and the battle between the Romans and the Celts.
- Learn about religious beliefs of the Romans and the God and Goddesses they worshipped and understand why they were so important in everyday life.
- Why was Hadrian’s wall so significant and how was it built. Review the ruins of Hadrian’s wall on a map of the U.K.
- Appreciate the significance of the Roman baths and how they were built including the aqueduct system. Investigate how and why they played such a significant role in Roman life.

We will also answer “What was Ham Hill like in the past?” (see the ‘Trips & Visits’ section below)

## Science

### ‘States of Matter and Animals, including humans’

We will be learning the following:

#### States of Matter

- comparing and grouping materials together, according to whether they are solids, liquids or gases
- observing that some materials change state when they are heated or cooled, and measuring or researching the temperature at which this happens in degrees Celsius (°C)
- identifying the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

#### Animals, including humans

- Describing the simple functions of the basic parts of the digestive system in humans
- Identifying different types of teeth in humans and their function
- Constructing and interpreting food chains, identifying producers, consumers, predators and prey

## Maths

We will be learning the following:

### Number and place value

- Represent numbers to 100
- Partitioning 100s, 10s & 1s
- Round numbers to the nearest 10, 100
- Count in 1000s up to 10,000
- Partition 1000s, 100s, 10s and 1s using a place value knowledge
- Find 1, 10, 100 more or less of any given number to 1000
- Compare and order numbers to 1000

### Addition and Subtraction

- add and subtract 2/3/4 digit numbers with no exchange
- add and subtract 2/3/4 digit numbers with exchanges
- Use a range of efficient and written methods
- 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.

### Measure – length and perimeter

- Find equivalent lengths for m and cm/mm and cm/m to km
- Estimate, compare and calculate different measures
- Add and subtract lengths
- Find and measure perimeter on a grid, in a rectangle and in rectilinear shapes (including shapes) in both cm and mm.

### Multiplication and Division

- Multiply and divide by 10/100
- Multiply/divide numbers by 1 and 0
- Recall and use the x3/x6, x7, x9 tables at speed and their related division facts
- multiply two-digit and three-digit numbers by a one-digit number using formal written layout
- solve problems involving multiplying and adding



## Physical Education

In **P.E.** we will be doing dance and invasion games:

- To perform dances using simple movement patterns.
- 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.

## Music

In **Music**, we will be:

- Singing and performing in a weekly PTS and church services
- The Romans – exploring and composing rhythmic patterns
- Recorders – learn, practise and perform in an ensemble

## Spanish

In **Spanish**, we will be learning the following:

- Saying and writing numbers to 31.
- Writing days of the week and months of the year in Spanish.
- Responding to questions about dates and birthdays.
- Finding out about festivals in Spain and Mexico.
- Creating a poster for a festival.
- Joining in with a Spanish song.

## Computing

In **Computing**, we will be learning the following:

- **E-Safety**  
Learning how to stay safe on the internet and writing and responding to the school blog
- **Coding/Programming**  
Use of Kodu software to code using an algorithm and create a programme

## R.E.

In **R.E.** we will be:

- Hinduism with a focus on Diwali
- Understanding the teachings in the story of Rama
- Recognising that Brahman has many forms in Hinduism
- Recognising the importance of Diwali and understand some of the activities that happen during the festival
- Understanding Puja worship in the home and temple

## PSHE

In **PSHE**, we will be learning the following:

### **Being me in my world**

- Learn about democracy, differences, how actions affect others, group decision making and have your own voice

### **Celebrating differences**

- Celebrating differences and what is special about yourself and others. Recognising the signs of bullying.

## Art

In **Art**, we will be learning the following:

### Georgia O'Keefe

- Studying the life and work of the artist, Georgia O'Keefe
- Experimenting with water colours and developing shades and techniques
- Drawing detailed sketches to develop scale and proportion
- Develop shadowing techniques

### The Romans

- Investigate and use mosaic techniques
- Create plans and designs for mosaics

## Design Technology

In **Design Technology**, we will be learning the following:

Linkages and levers – make a moving greetings card

## Trips and Visits

### Ham Hill – The Romans

Trip to Ham Hill making Roman shields, cooking some Roman food and exploring the fort with a ranger. Trying to answer some of these questions:

- When did people first settle at Ham Hill?
- Why were there settlements at Ham Hill?
- Why is it called *Ham Hill*?
- How has Ham Hill changed from 700BC to today?
- What is Ham Hill used for today?
- How do we know about people in the past and what they did at Ham Hill?