

# Year 5 Newsletter

## Summer 2

**Our topic/theme this half term is:**

# Roman Britain!

**In this topic, we will be continuing to explore Roman Britain, focusing on what happened after the Romans arrived in Britain and the legacy they left behind.**

**Our key text this half term will be 'The History Hackers, Roman Rescue!'**

## Our English learning this half term:

### Reading:

**In Guided Reading this half term, we will be focusing on the following objectives:**

- Increase familiarity with a range of books.
- Draw inferences, such as inferring characters' feelings, thoughts and motives from their actions and justifying these with evidence.
- Ask questions to improve our understanding of complex texts.
- Retrieve, record and present information from non-fiction.
- Preparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience.

### Writing:

**In Year 5, we will be developing the following writing skills:**

- Plan our writing by noting and developing initial ideas, drawing on reading where necessary.
- Draft and write by linking ideas across paragraphs using adverbials of time (eg later), number (eg secondly) or tense (eg he had seen her before).
- Draft and write by selecting appropriate grammar and vocabulary.
- Evaluate and edit by assessing the effectiveness of his/her own and others' writing.
- Proof-read for punctuation errors, including the use of brackets, commas or dashes to indicate parenthesis or to clarify meaning and avoid ambiguity.

**We will be writing creative poetry. We will be developing the following skills:**

- Exploring and manipulating language and word classes
- Experimenting with the juxtaposition of different ideas.
- Using our writing mantra, 'generate and judge; has every word earned its place; be original; the first ideas lead to better ideas.'

**We will be writing balanced arguments and will develop the following skills:**

- Using formal language and phrases to communicate both sides of the argument.
- Use contrasting and connecting conjunctions
- Use powerful language to emphasise a point.

**In grammar, we will be using inverted commas, co-ordinating conjunctions, exploring different types of clauses (main, subordinating and relative) and looking at different ways of using parenthesis to add extra information.**

## Our Maths learning this half term:

### Geometry: Position and Direction

Identify, describe and represent the position of a shape following a reflection, using mathematical vocabulary to explain this.

Identify, describe and represent the position of a shape following a translation using mathematical vocabulary to explain this.

### Measure

Convert between different forms of metric measurement e.g. kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre.

Understand and compare equivalences between metric units and common imperial units. These might include: inches, pounds or pints.

Estimate volume by using  $1\text{cm}^3$  blocks to build cuboids (including cubes) and capacity by using water and different containers.

Solve problems by converting between units of time.

Use addition and subtraction to solve problems involving measure (such as length, mass, volume, money, using decimal notation).

### Statistics

Solve comparison, sum and difference problems using information presented in a line graph.

Complete, read and interpret information in tables, including timetables.

**Throughout the term, we will also be revisiting less confident areas of our prior learning and developing our mental arithmetic skills.**

## Our Science and Computing learning this half term:

### Science

**We will be continuing to learn about life cycles, this term focusing on animals. We will be exploring the following knowledge areas:**

- Describe differences in the life cycles of mammals, amphibians, insects and birds.
- Describe the life process of reproduction in some animals.
- Observe the changes in animals over a period of time by visiting the chicks in Nursery and discussing our observations.
- Find out about the work of naturalists and animal behaviourists like David Attenborough and Jane Goodall.

**We will be developing the following skill areas:**

- Identify and classify using and developing keys
- Recognise which secondary sources will be the most useful and separate opinion from fact. Consider how scientific ideas have developed over time.
- Decide what observations to make, what to measure and how long for
- Notice causal relationships in data and identify evidence that refutes or supports their ideas
- During the 'Great Science Share' event, we will raise our own questions and use our own scientific enquiry skills to investigate and answer these questions.

### Computing

**Our unit of computing this half term is focused on programming.**

- I can make a decision based on a selection instruction.
- I can explain why computers are sometimes used to control things.
- I know what debugging means.
- I can use a program to control a gadget.
- I can use a program to simulate a physical system.
- I can debug a program to fix a problem.

## Our Humanities learning this half term:

### **History:**

This half-term, we are continuing to explore the Roman Empire and its impact upon Britain.

We will move to exploring the following knowledge areas?

- What was the importance of the Roman Baths?
- What language did Romans in Britain speak?
- What was the influence of the Romans on Cambridge?
- How was Roman mythology important?
- Why did the Romans leave Britain?
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We will develop the following historical skills:

- Establish clear narratives within and across the periods they study.
- Note connections, contrasts and trends over time.
- Combine overview and depth studies to help pupils understand both the long arc of development and the complexity of specific aspects of the content.
- Address and devise historically valid questions about cause

### **RE:**

In RE, we will be continuing to explore Hinduism, including looking at the importance of different festivals.

### **Spanish:**

In Spanish this half term, we will be learning about clothing, linking this to our previous work on sports.

## Our Creative Arts learning this half term:

### **DT:**

This half term, we will be exploring Roman aqueducts before designing and constructing our own model examples. We will also be creating Roman drawstring purses using different sewing techniques.

### **We will develop the following skills:**

- Generate, develop and model ideas using research looking at real-life examples.
- Select from a range of tools and equipment to create a model, and use a wide range of materials dependent on their functional properties.
- Apply their knowledge of how to strengthen, stiffen and reinforce their aqueducts.
- Evaluate their final design against their own, original design criteria.

### **Music: Composing and Songwriting**

- Create original pieces while learning to write the music for reference.
- Study the songwriting structure and the relationship between chord and melody.

## Our PE and PSHE learning this half term:

### PE:

**Our PE units this half term are Athletics and Rounders**

#### **Athletics**

Copy, repeat and evaluate simple athletic skills (run, throw, jump) showing control and co-ordination. Recognise how personal health and wellbeing is promoted through athletic activities. Observe/evaluate a partner's running/throwing/jumping action.

#### **Rounders**

Play full games of rounders with good knowledge of the game. Learn more complex rules and score games to make it competitive. Develop bowling (donkey drop) fielding (overarm throw/ covering bases) and develop batting technique by placement of the ball.

### PSHE:

**Our units this half term are 'Drug Education' and 'Managing Change'**

#### **Managing Change**

- Be able to identify a range of situations which involve loss and change.
- Recognise emotions associated with loss and change, and understand how these feelings can change.
- Be able to identify what might help when experiencing difficult emotions.
- Know how they can access support and how they can support other people.
- Be able to reflect on their own experiences of change and describe some ways they have affected them.

#### **Drug Education**

- Be able to categorise drugs as medical, non-medical, legal and illegal
- Understand the possible physical and psychological effects of some drugs
- Understand the roles of medicines and immunisations
- Recognise some reasons why people use and misuse drugs and be able to suggest some alternatives
- Understand some of the laws relating to drugs
- Have begun to recognise influence and pressure and have related this to peers and the media
- Be able to identify risk and risk management strategies, know where they can get support and be able to identify some sources of reliable and accurate information.

## Key Vocabulary

### Key Vocabulary for this half term:

Maths: translation, reflection, axis, negative, positive, coordinate, length, capacity, volume, metric, imperial, cubic centimetre, litre, pint, gallon, inches, pounds, analogue, digital, elapsed, interval, line graph, maximum, minimum, value, frequency

English : rhyme, stanza, repetition, simile, metaphor, personification, verb, conjunction, generaliser, preposition, nouns, abstract nouns

Science: sexual reproduction, asexual reproduction, behaviourists, metamorphosis, mammals, amphibians, insect, naturalist, life process, offspring

History: Roman, Celtic, Christianity, polytheism, Hadrian's Wall, legacy, agriculture, agricultural society, Latin, Romanisation, primary sources, secondary sources, excavations, artefacts.