

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 'Tom's Midnight Garden' by Philipa Pearce.

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 characterisations. We will be developing the following skills:

- Contextualising formal and informal techniques to develop a character's voice
- Developing contrasting character's perspectives
- Use poetry to enrich narrative

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 1cm^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).

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 Selection in Quizzes.

- I can explain how selection is used in computer programs
- I can relate that a conditional statement connects a condition to an outcome.
- I can explain how selection directs the flow of a program
- I can design a program that uses selection
- I can create a program that uses selection
- I can evaluate my program

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 and how karma influences Hindu life.

Spanish:

In Spanish, we will be learning about sport, reading and following instructions, play the Maya ball game and inventing an original ball game. We will learn how to use the imperative form of some regular verbs to write a set of instructions.

Our Creative Arts learning this half term:

DT/Art:

In this fashion-design pathway children are introduced to the idea that design is often about relationships – between the designer/artist and the person who then sees, buys or wears the end result. Where and how do the experiences and passions of both designer and viewer meet? How is one affected by the other and what can we learn from each other?

Our Key Concepts will cover:

- That designers bring their own culture, experiences and passions into their Designs for other people.
- That as individuals we can grow our experience of the world by experiencing (seeing, listening, taking the time to understand) the creativity expressed by other people.
- That we can use colour, pattern, line, shape, form, material, texture to express our creativity.
- That when we design fashion, we can understand what it might feel like to wear the clothes. How would they change the person wearing or seeing them?
- That when we design clothes, we can build an awareness of how 2D shapes might become 3D forms.

Music:

In music we will explore improvisation using digital and acoustic instruments:

Our skills will be:

- To use major and minor scales and explore the differences.
- To create rhythms that explore the indicative musical features
- To perform as an ensemble on our chosen instruments (digital, electronic or acoustic). Performing using musical notation and from memory.

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

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.