

Geography

We start the year with the Geography topic 'Beladi – Britain'. Children will develop their geographical skills, by identifying features of Egypt and comparing these to United Kingdom. They will also learn how to use maps and atlases to identify different features including bodies of water and areas of high land.

English

The first place the children will go to is their classroom to write about themselves in the form of autobiographies. They will secure their understanding of time connectives to sequence their ideas and consistent use of past tense.

After, complementing our theme of Dr Seuss, the children will move on to write a biography of Dr Seuss.

Our theme will then end with narrative writing. This will be based on our reading of the book *King Arthur and the Knights of the Round Table*.

Science

Our first science topic is 'Plants'. Children will review the parts of the plant and their functions. They will extend to the life cycle of a flowering plant and seed dispersal. Children will have more than one opportunity to use scientific inquiry to test their hypotheses and generate conclusions.

Welcome to Year 3

Welcome to Year 3. We hope everyone has had a good, refreshing summer holiday and is ready to start Year 3.

Year 3 will be your child's year to go to different places: from exciting lessons inside the classroom to special lessons outside and trips to complement the written curriculum.

Oh, the Places You'll Go

Art/DT

The art unit will be linked to Science, with a study of the artwork of Georgia O'Keefe. Children will be taught to develop their techniques, including their control and use of materials, with creativity, experimentation and increasing awareness of different kinds of art, craft and design.

Maths

The first focus in Maths is Number and Place Value where children revise and build on their knowledge of the value of digits in 3-digit numbers. Then apply this skill to complete a range of reasoning and problem solving activities.

The children will then progress on to developing their addition and subtraction skills, followed by multiplication and division. They will be introduced to using different formal written and mental methods.

Finally, children will end the first half term with a focus on 2-D and 3-D shapes. They will use their understanding of the properties of shapes to sort, reason and develop their mathematical vocabulary.

PSHE

Our first value this year is 'Motivation'. Therefore, all our PSHE and Values sessions will be dedicated to this.

Computing

Our first topic for computing is 'E-Safety', where children learn and understand how to stay safe online.

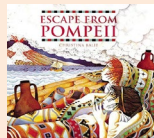
Following this, we will be using Microsoft Word and learning different aspects of word processing.

English:

This half term, our English unit will be linked to our History and Design Technology (D.T.) unit. The students will be exploring a range of non-fiction text types and engaging with our core text: Escape from Pompeii.

Writing will consist of grammar development, planning, drafting, revising and publishing skills concerning the following text types:

- Biographical Writing
- Performance Poetry
- Descriptive Writing
- Narrative.



Reading: as part of the new format of our English curriculum, we will be using the VIPERS learning tool, to boost essential reading skills in Year 4. These skills will be visited throughout the school year:

- **Vocabulary** – give/explain the meaning of words in context
- **Inference** – make inferences from the text/explain and justify using evidence from the text
- **Prediction** – predict what might happen based on details stated or implied
- **Explain** – identify/explain how information/narrative content is related and contributes to the meaning as a whole
 - Identify/explain how meaning can be enhanced through choice of words and phrases
 - Make comparisons within the text
- **Retrieve and record** key information/details from fiction and non-fiction
- **Summarise** main ideas from more than one paragraph

Grammar & Spelling: the teaching of grammar will be embedded in English lessons and suitable to the text type being taught. Reading Eggs will also be a significant platform for the children to learn and practise key spelling strategies. They will then get opportunities to apply this learning in class and weekly assigned homework.

History/ DT

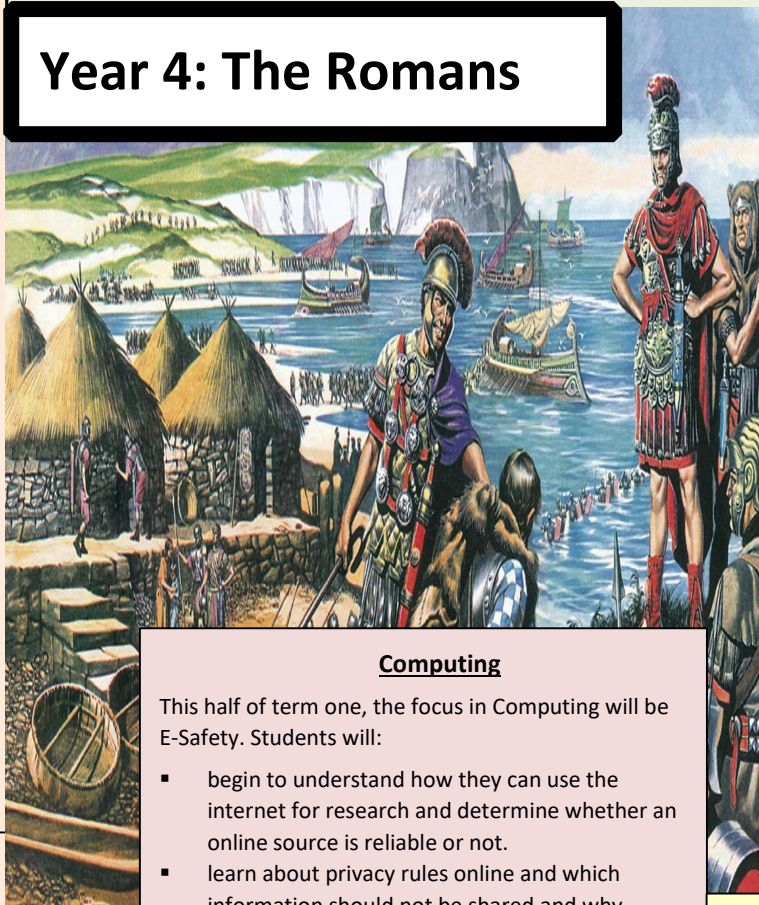
Using research, students will develop a firm understanding of the Roman Empire, Julius Caesar, The Roman Invasion of Britain and identify important, influential people from this period. Concerning the history of the Roman Empire, students will use a wider range of tools, materials and equipment to perform practical tasks to design, create and evaluate mosaics.

Science

States of Matter

Year 4 will be working scientifically to make comparisons between solids, liquids and gases. Students will observe how some materials change state when heated or cooled. They will also learn about the water cycle to deepen their understanding of evaporation and condensation. Year 4 students will have a more in-depth focus on the scientific method; having more significant opportunities for investigations, making cross-curricular links with Maths, English and Drama. They will develop scientific skills of making a hypothesis, observing, recording and interpreting results.

Year 4: The Romans



Computing

This half of term one, the focus in Computing will be E-Safety. Students will:

- begin to understand how they can use the internet for research and determine whether an online source is reliable or not.
- learn about privacy rules online and which information should not be shared and why.
- explore the dangers of cyber-bullying and empathise with those targeted.
- explore online gender stereotypes and evaluate online messages which convey these.
- develop strategic searching strategies and learn the importance of using a variety of search engines to gather information.

Mathematics

There will be a strong emphasis on a mastery approach. Each lesson will consist of fluency, reasoning and problem-solving tasks to reach greater depth in Maths across a wide range of contexts.

- **Place Value** – Reading and writing numbers to 10, 000, learning how to partition in different ways and recognising the place value in 4 and 5-digit numbers.
- **Addition and Subtraction** – using mental and written methods to solve up to 2 step addition and subtraction problems, including adding and subtracting numbers up to 5 digits using the column method.
- **Multiplication and Division** – Year 4 students will begin to multiply and divide any number by powers of 10 (up to 10, 000). We will also use facts to multiply and divide mentally, as well as use both short multiplication and division to respond to fluency, reasoning and problem-solving questions.
- **Fractions** – In Fractions, students use the number line to identify fractions (including whole numbers). Students will use their knowledge of place value to understand the place value of fractions up to hundredths and to compare and order unit fractions with the same denominator. Year 4 students will represent equivalent fractions using both diagrams and derived facts.
- **Measurement** – students will develop their conversion skills. They will convert between different units of time. This will include converting between analogue and digital 12-hour and 24-hour clocks. Converting from hours to minutes; minutes to seconds, and converting between years, months, weeks and days.
- **Geometry** – Students will identify the properties of 2-D and 3-D shapes as well as compare and classify quadrilaterals, triangles and 2-D geometric shapes.

By the end of Year 4, children should be able to recall multiplication and division facts for multiplication tables up to 12 x 12.

P.S.H.E. - MOTIVATION

Students will set personal targets in order to achieve their goals. The main focus of these lessons will be to equip students with the knowledge, skills and understanding needed to develop both personally and socially, to become intrinsically motivated to succeed.

Meet the Greeks

Year 5 Autumn One 2019



As **Mathematicians**, we will explore a range of fluency, reasoning and problem-solving questions on the following strands:

MATHEMATICS

Number and place value

- Read, write order and compare numbers to 100 000
- Round numbers to the nearest 10, 100, 1 000, 10 000
- Read and write Roman Numerals to 1 000
- Interpret negative numbers in context using a number line

Addition and subtraction

- To add and subtract whole numbers with more than 4-digits
- To add and subtract numbers mentally with increasingly large numbers
- To use rounding to estimate and approximate answers

Multiplication and Division

- To identify factors, common factors, multiples, square, cube and prime numbers
- To multiply and divide whole numbers by 10, 100, 1 000

Statistics

- To read and interpret information in timetables

Fractions

- To find equivalent fractions
- To convert between mixed and improper fractions
- To add and subtract with the same denominator

ENGLISH

In **English**, children will read a range of Greek myths. They will be identifying key features of language and structure while further developing their reading comprehension skills using the VIPERS question stems. In a narrative, they will plan and write their quest myth using key features of characterisation through the use of description and dialogue. Then moving on to non-fiction, children will plan and write their own newspaper reports based on a historical event of ancient Greece and in poetry. They will also write a poem about a Greek god or goddess.

HISTORY

As **Historians** we will explore the Ancient Greek civilisation. Children will investigate ancient Greek daily life, where they lived, what they ate and the kinds of jobs they would have had. They will also explore Greek culture and mythology, learning about the different Greek Gods, along with the importance of the theatre and warfare in Ancient Greek society. Then finally, the impact of the ancient Greek civilisation on the modern world.

ART

As **Artists** we will create silhouettes of different ancient Greek images documenting life and society through that period. Children will study the various designs of Ancient Greek pottery and what stories and beliefs they represented. They will then design and create a Greek vase design inspired by original Greek pottery.

As **Scientists** we will be exploring the topic of **Evolution and Inheritance**. This unit will get your children thinking about characteristics passed from one generation to the next and how species have adapted to suit their environments. They will learn and explore the theories of natural selection and how different perspectives of the evolution process has developed over time. They will examine the scientific theories of Charles Darwin and the work of palaeontologists such as Mary Anning. The children will then be extended to investigate the ethical issues of human intervention in the process of evolution.

SCIENCE

PSHE

Focusing on the theme of Motivation the children will develop key social and emotional aspects of learning. They will consider the importance of making a fresh start at the beginning of a new school year and understand their rights and responsibilities. They will also explore motivational factors when starting something new and learn the importance of intrinsic motivation.

COMPUTING

As **Digital citizens**, we will be studying the topic of **E-Safety**. Children will learn how to create strong passwords and a safe online profile, explore ways of preventing and reporting cyberbullying and understand the importance of copyright.

Geography:

We will explore the topic of migration. Children will explore and evaluate both animal and human migration. The children's understanding of what migration is; how and why it occurs; along with its global and local impact, will be applied in opportunities to write explanations and non-chronological reports.

There will also be a focus on developing geographical skills of mapping; understanding of human and physical geography including climate zones; different types of settlement and land use. The children will also build on their locational knowledge concerning migration paths and patterns.

Maths:

In Primary, we teach a mastery approach to the maths curriculum. The purpose of this is to enable children to develop a deep and secure understanding of mathematics. The children will be able to focus on a teaching cycle of fluency, problem-solving and reasoning, which will allow them to demonstrate their knowledge and understanding. The following maths objectives will be taught during this unit:

Number and Place Value

- reading, writing, ordering and comparing numbers up to 7 digits (including negative numbers and decimals)
- reading and writing Roman numerals
- looking at place value number and word problems

Addition and subtraction

- estimating addition and subtraction of whole numbers
- using the column method to add and subtract whole numbers and decimals
- problem-solving and reasoning using addition and subtraction methods and explaining our reasoning using mathematical vocabulary

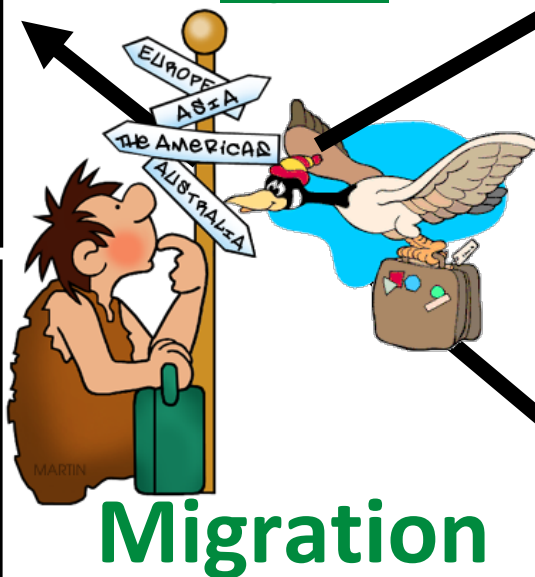
Multiplication and Division

- multiplying by 10, 100 and 1000 using whole numbers and decimals and explain the process using correct mathematical terminology
- using formal written methods to multiply and divide whole numbers and decimals

Working with fractions

- identifying common factors and multiples
- comparing and ordering fractions greater than and less than 1
- being able to convert and find equivalent fractions, decimals and percentages
- being able to add, subtract, multiply and divide fractions with equal and differing denominators.

Year 6 Curriculum Overview Migration



English:

The theme of migration will be explored through the graphic novel, 'The Arrival' by Shaun Tan. Using the VIPERS reading learning tool, the children will explore and examine the text to develop their prediction, inference and justification skills. The development of these skills will then set the foundation on which to build their writing skills. The children will develop and extend their vocabulary-building skills; generating ideas; planning, drafting and reviewing their written work. The children will develop their writing of the following text types:

- Letters from a character viewpoint.
- Descriptive writing.
- Narrative.

We will look closely at the use of our vocabulary and how this is related and contributes to the meaning as a whole and how this is enhanced through a careful choice of words and phrases. In addition to this, we will debate topics such as human migration and link this to our protagonist perspectives to engage our readers. Also, the children will have opportunities to develop their speaking and listening skills through debates on purpose and impact of migration - human and animal.

Art:

We will continue with our theme of migration embedded across the teaching and learning that will take place in art lessons in this unit. The children will carefully observe animals in motion and explore the work of Maurits Cornelius Escher, who focuses on animals in movement. The children will then develop their sketching skills to draw animals in action. They will also go on to explore the concept of modern art inspired by the works of Escher.

Science:

Biology will be the focus in the accelerated Science curriculum this term. The introductory unit is 'Cells'. In line with the Activate textbook, the children will learn and extend their understanding of the following sub-units:

- Observing cells
- Plant and animal cells
- Specialised cells
- Movement of substances

There will also be a focus on scientific reasoning and the correct use of scientific vocabulary through the writing of experiments, explanations and non-chronological reports. Then the children will have opportunities to embed their English skills in a different context further. They will also be developing their practical science skills through fortnightly lab sessions.

Discrete Subjects

Computing:

We will begin Year 6 by learning about E-Safety and ensuring that we are empowering the children to have safe and positive experiences online by looking at the following:

- Talk safely online
- Understanding what a good digital citizen is
- Privacy rules
- Cyberbullying
- Searching safely online

PSHE:

Our first value of the year will be **motivation**. Children will understand what it means to be motivated. How this can impact their social and academic choices and how to develop an intrinsic sense of motivation. They will compare and contrast the different types of motivational factors that influence people and themselves. This will assist them in becoming more self-motivated individuals.