

Maths

This term, the children will learn about place value. In this unit, children will read, write, construct and deconstruct numbers up to 1,000,000. They will use concrete, visual and abstract methods to help identify the value of individual digits in numbers with up to six digits. As well as larger numbers, children are introduced to the concept of decimal numbers in preparation for the designated block in Spring term.

They will revisit comparisons of numbers using the greater than and less than symbols, and then develop their skills by reasoning about number. Children will focus on rounding any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 or 100,000.

Finally, children will extend their knowledge of Roman numerals to represent numbers up to 1000 and read years written in Roman numerals.

English

Our writing text this term is *Hidden Figures* by Margot Lee Shetterly and illustrated by Laura Freeman in which children learn about the achievements and determination of four iconic women at key moments in American and world history.

The text provides an inspiring backdrop for children to write for a range of purposes and for different formal and informal contexts, including a job advertisement, formal and informal letters and a diary.

During our reading lessons, we will be exploring the text *Cosmic; it's one giant leap for boy-kind* by Frank Cottrell-Boyce where we will follow the antics of Liam Digby, an ordinary twelve year old that has a cosmic adventure! In addition, we will make links to our writing text by exploring *Bright Stars of Back British History* by J.T. Williams.

We will continue to focus and develop our VIPERS skills (Vocabulary, Inference, Predict, Explain, Retrieve and Sequence/Summarise) in our reading. We will learn how to identify key words and phrases when answering questions, and how to use dictionaries and thesauruses to deepen our understanding of ambitious vocabulary.

Phonics/Spelling

Week 1

Words with endings that sound like /shuhs/ spelt with -cious

Week 2

Words with endings that sound like /shuhs/ spelt with -tious or -ious

Week 3

Words with the short vowel sound /i/ spelt with y

Week 4

Words with the short vowel sound /i/ spelt with y

Week 5

Homophones & near homophones

Week 6

Homophones & near homophones

History

Comparing Henry VIII and Elizabeth I, children learn about the changing nature of monarchy. They examine how monarchs tried to control their public images using portraits and royal progresses. Using Tudor inventories to investigate whether people were rich or poor, children learn what life was like for people in Tudor times.

Later in the term, we will visit Knole Park and House to take part in Tudor workshops including italics, costumes and artefact handling.

Class 5 Term 1

PE

PE will be on a Tuesday and Friday afternoon.

PE will continue to be covered by our professional coaches, in order to deliver high quality physical activity.

On Tuesday, the children will continue to have swimming lessons. They will learn to swim competently, confidently, and proficiently over a distance of at least 25 metres using a range of strokes effectively.

On Friday, this term will focus on tag rugby and football skills, using tactical play, possession and teamwork.

Science

In Science this term the children will be learning about the Solar System, the Earth, Sun and the Moon.

They will use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. Describe the movement of the Moon, relative to the Earth, and describe the Sun, Earth and Moon as approximately spherical bodies.

In addition, the children will sort the planets in order of distance from the Sun, classify planets as either rocky or gas giants and describe the orbit of planets as elliptical.

Computing

Systems and Searching

In this unit, learners develop their understanding of computer systems and how information is transferred between systems and devices. Learners consider small-scale systems as well as large-scale systems. They explain the input, output, and process aspects of a variety of different real-world systems. Learners discover how information is found on the World Wide Web, through learning how search engines work (including how they select and rank results) and what influences searching, and through comparing different search engines.

Art

Throughout our Art lessons this term the children will work towards producing a retro-futurism inspired mixed media futuristic piece of a view in Space. Each lesson will introduce the children to different techniques to create their own image.

Retro-futurism is defined as the past's view of the future, and was heavily influenced by the moon landings, the Space Race, and space exploration.

Music

This term the children will be learning to play the recorder, whilst learning to read and write some notes.

The children will learn how to hold the recorder and form the correct lip shape (embouchure) to help them to make a good, consistent sound. They will also start to explore how to control breathing and tonguing to sound notes.

RE

In this unit, pupils will learn about what Christians believe God is like, exploring key texts from the Bible. They will study passages from the book of Isaiah and Psalm 103 (Old Testament) and the book of 1 John (New Testament) to work out some ways the Bible says that God is both holy and loving.

PSHE/SRE

Our focus for this term is online safety. The children will consider how to use technology safely, respectfully, and responsibly. They will develop an understanding of acceptable/unacceptable behaviour and identify a range of ways to report concerns about content and contact.