

## Maths

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 numbers. 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!

We will continue to focus and develop our VIPERS skills (Vocabulary, Inference, Predict, Explain, Retrieval 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 music and dance, costumes and artefact handling.

# Class 5 Term 1

## PE

PE will continue to be covered by our professional coaches, in order to deliver high quality physical activity. This term will focus on tag rugby and football skills, using tactical play, possession and teamwork.

PE will be on a Tuesday and Wednesday afternoon.

## 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

During this term, we will begin looking at the concept of systems with pupils to develop their understanding of components working together to make a whole. They will explore digital systems and will consider the physical and electronic connections that could exist.

## Art

Throughout our Art lessons this term the children will work towards producing a retro-futurism inspired mixed media 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 pasts 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

This term we will ask the question 'What would Jesus do?' This investigation enables pupils to learn in depth from Christianity, considering in a detailed way some teachings of Jesus and the ways they are applied today. Pupils will consider examples of what Jesus said, and how Christians today respond to the challenges of his teachings.

## 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.