

Curriculum Overview Term 1 - Year 5

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 Black 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.

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

Maths:

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.

Computing:

Data Handling: Mars Rover 1

In this unit, pupils will explore how data is collected, stored and analysed using the context of a Mars rover mission. They learn how computers gather and organise information using spreadsheets and databases, before presenting data in charts and graphs. Children investigate patterns, draw conclusions from real-world data and consider how technology supports scientific exploration of space. The unit develops data handling, computational thinking and digital literacy skills while encouraging problem-solving and logical reasoning.

RE: Why do people have to stand up for what they believe in?

During this term, pupils will explore why people of different religions and worldviews choose to stand up for their beliefs and values. They investigate inspirational individuals, religious teachings and real-life examples of courage, justice and compassion. Children consider how beliefs influence actions and reflect on how they can make positive choices in their own lives.

RSE & PSHE: My healthy self: How can I support my mind and body as I grow?

In this unit, pupils learn how to care for their physical and mental wellbeing as they grow and change. They explore healthy lifestyles, emotional wellbeing, puberty, and strategies for managing feelings and making safe, responsible choices. Children develop the knowledge and confidence to support their health, relationships and personal development.

French: Space exploration in French

Throughout the term pupils will learn and use French vocabulary related to space, planets, and space exploration. They develop their speaking, listening, reading and writing skills by describing space-themed objects and events using simple sentences.

Geography: What is life like in the Alps?

During the term the children will explore the Alps as a major European mountain range, investigating their location, physical features and how they were formed. They will learn about the climate, wildlife and natural landscapes of the region, as well as how altitude affects the environment. Pupils examine how people live and work in the Alps, including farming, tourism and transport, and compare alpine life with life in the UK. They also consider the opportunities and challenges of living in a mountainous environment and investigate how tourism and climate change affect the Alps. Throughout the unit, children develop their geographical knowledge through map work, data analysis, fieldwork-style enquiries and comparisons between different places.

PE: Swimming & Tag Rugby

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

On Tuesday and Wednesday afternoons, the children will focus on tag rugby and football skills, using tactical play, possession and teamwork.

Art: Retro-Futurism

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: Learning to play the recorder

The children will develop their recorder playing skills by learning correct posture, breathing and fingering techniques. They will practise reading simple musical notation, keeping a steady pulse and performing a range of melodies with increasing confidence and accuracy. Through individual and group performances, children build their musicianship, listening skills, and appreciation of music while developing confidence in playing an instrument.

Science:

Forces and Space: Earth and Space

In this unit, the children will explore the wonders of our solar system and develop their understanding of Earth's place in space. They learn about the Sun, Earth, Moon and planets, investigating how the Earth's rotation causes day and night and how the Earth's orbit around the Sun creates the seasons and the length of a year.

Pupils explore the movement of celestial bodies using models and scientific enquiry, while developing their understanding of gravity and how scientific ideas about space have changed over time. Through practical investigations, observations and evidence-based discussions, children strengthen their scientific knowledge, enquiry skills and curiosity about the universe.