

Year 5: Autumn 1

Writing

In Writing this half term, children will be inspired by *Hidden Figures* by Margot Lee Shetterly, which tells the remarkable true story of the African American women mathematicians who played a vital role in NASA's early space missions. Through this inspiring text, children will explore themes of determination, equality and ambition.

Children will write a range of genres, including a motivational speech, diary entry, persuasive letter, biography, recount and news bulletin. Alongside this, they will develop their understanding of grammar, punctuation and sentence structure, learning how to write with greater accuracy, creativity and impact. They will be encouraged to use their imagination and make thoughtful choices as writers to engage and inspire their readers.

Science

In Science this half term, children will be learning about Light and Shadow. They will explore natural and artificial light sources, discover that light travels in straight lines, and understand how light allows us to see objects. Children will investigate why objects can appear different when viewed through water, learn about reflectors, and discover how shadows are formed. Throughout the topic, children will take part in practical scientific investigations, developing their skills in making predictions, observing carefully and drawing conclusions from evidence.

PSHE

In PSHE, children will continue to follow the myHappyMind programme, developing a greater understanding of how the brain works and how emotions can influence our thoughts and actions. They will learn a range of self-regulation strategies to help them manage their emotions, build resilience and support their overall wellbeing.

Computing

In Computing this half term, children will use Scratch to create and edit music inspired by different genres. They will explore the role of music in film, investigating how soundtracks can create mood and atmosphere, and will learn to evaluate and discuss the effectiveness of different musical pieces.

Maths

In Maths this half term, children will begin by developing their understanding of place value, working with numbers up to 1,000,000. They will learn to compare and order numbers, partition them in different ways and round them to a given value.

We will then move on to addition and subtraction, using written methods to solve calculations involving whole numbers. Children will also learn how to use the inverse operation to check their answers and compare calculations to explain their reasoning.

Throughout the half term, we will also continue to develop mental maths strategies and strengthen times table knowledge to build confidence and fluency across all areas of mathematics.

History

In History this half term, children will be learning about Ancient Greece, exploring where and when this civilisation existed and its lasting influence on the world today. They will compare Athens and Sparta, learning about the similarities and differences between these two powerful city-states. Children will also explore Greek gods and goddesses, discover famous Greek myths, learn about the origins of the Olympic Games, and investigate how democracy began in Ancient Greece.

PE

In PE this half term, children will develop their balance, strength and coordination through gymnastics lessons in the hall. Outside, they will build their cricket skills, learning techniques for batting, bowling and fielding, whilst developing teamwork and sportsmanship.