Year 5: Autumn 2

Maths

In Maths this half term, children will develop their understanding of multiplication and division by using a range of written and mental calculation strategies. They will practise multiplying and dividing numbers by 10, 100 and 1,000, solve increasingly complex calculations, and apply their knowledge to real-life problem-solving activities. Near the end of the half term, children will build on their previous learning by identifying equivalent fractions, comparing and ordering fractions, and recognising relationships between fractions and whole numbers.

Writing

In Writing this half term, we will be focussing on the books Robot Girl by Malorie Blackman and Freedom Bird by Jerdine Nolan. Year 5 pupils will explore Robot Girl through engaging writing activities that will encourage them to immerse themselves fully in the story. They will use interpretation and judgement to analyse characters' thoughts, feelings and motivations, drawing inferences from events and dialogue to deepen their understanding of the narrative. We will also explore Freedom Bird through rich and reflective writing opportunities that will encourage children to immerse themselves in the story and its historical context.

Science

In Science this half term, children will investigate electricity through a range of practical and engaging science lessons. They will learn how electrical circuits work, identify and use components such as cells, wires, bulbs, buzzers and switches, and explore how to construct simple circuits. Pupils will make predictions, carry out investigations and record their findings, developing their scientific enquiry skills.

Geography

This half term, children will explore North and South America, learning about the continents' countries, landscapes and climates. They will immerse themselves in the culture, discovering local traditions, food, music and festivals. Through map work and research, pupils will compare different places and ways of life, developing a greater understanding of the diversity of North and South America.

Computing

In Computing this half term, children will continue working with scratch to create and edit music inspired by different genres. They will make their own sound tracks for a specific trailer and learn how to edit and tinker with it.

PSHE

In PSHE, children will learn about their unique character strengths and talents, helping them to understand what makes them special and how these strengths can help them in everyday life. Children will explore ways to build their self-esteem, recognise positive qualities in themselves and others, and develop confidence in their abilities.