



What core values are essential for building a successful team?



Year 6 –Term 1B

Maths

This term in Maths, Year 6 will be focusing on developing a deeper understanding of fractions, statistics, and ratio.

Students will learn to compare, simplify, and calculate with fractions, including adding, subtracting, multiplying, and dividing them with confidence.

In our statistics unit, they will interpret and create a range of data representations, such as line graphs and pie charts, while using data to solve real-life problems.

Later in the term, the focus will shift to ratio and proportion, where students will explore how quantities relate to one another and apply their understanding to practical contexts such as recipes, scaling, and map reading.

Throughout these topics, there will be an emphasis on reasoning, problem-solving, and applying mathematical knowledge to real-world situations.

Reading

In Reading, Year 6 will be exploring *The Explorer* by Katherine Rundell - an exciting adventure story set in the Amazon rainforest. Our focus will be on vocabulary, inference, and exploring characters' thoughts, feelings, and motivations.

Students will also make predictions and learn to use evidence from the text to support their ideas clearly and confidently. This links closely to our Formula One topic, as both explore themes of teamwork, resilience, and problem-solving.

Through discussions and group activities, students will demonstrate our school values of 'One Team' by collaborating effectively, and 'Leadership' by sharing ideas and taking responsibility for their learning.

Moral Education and Cultural Studies

This term, students will explore how the attitudes and actions of others can affect an individual's self-worth, both positively and negatively. They will examine feelings of people or characters in ethical dilemmas, developing empathy and awareness of the needs of others, including vulnerable groups. Lessons will also consider the factors that influence confidence and self-esteem, helping students reflect on their own attitudes and behaviours while understanding the impact they can have on others in a range of social and moral contexts.

Writing

This term in English, Year 6 will focus on narrative writing with the theme *Chaos to Calm*, helping students develop suspense, tension, and vivid, engaging descriptions.

They will also explore non-fiction writing by producing reviews that clearly express opinions and support them with evidence.

Key punctuation and grammar focus will include parentheses, speech punctuation text structure and varying sentence length with intent and purpose.

Writing lessons will link closely to Reading, with an emphasis on tense, precise vocabulary, and analysing language choices.

Students will also evaluate their own writing and that of others to understand effective techniques, strengthen clarity, and refine style across both creative and informational texts.

PE

In PE, students will study Athletics.: Focusing on speed, efficiency and reaction time in sports, encouraging tactical decision making and collaboration.

Computing

In Year 6 Computing, students will design digital logos linking to their Formula One project. They will also explore data handling, collecting and analysing information to support their Maths learning through graphs, charts, and logical reasoning.

Art

In art, children will study David Hockney's landscape portraits, exploring his use of lines and patterns. They will blend traditional techniques with modern creativity to produce contemporary artworks inspired by historical styles. enhancing their understanding of both historical and modern art.

Music

This term, students will begin learning the ukulele, developing skills in chords, rhythm, and strumming.

They will practise playing simple melodies and songs, building confidence in performance and teamwork through group music-making.

Social Studies

This term, Students will explore how the state invests in human capital and the role of conservation in creating wealth and prosperity. They will also learn about the basic characteristics of a market and how these contribute to effective entrepreneurship.

Students will think critically about the human side of economics and social structures, understanding how people, resources, and decision-making interact to shape societies and drive innovation.

MFL

En Français, students will continue to describe France and it 's surrounding countries using expression 'there is/are' and 'a lot of'. Understanding and drawing information from longer texts.

En Español, students will continue to describe Spain and learn what different countries are famous for and give their opinions. They will learn flags and colours, describing them in Spanish.

Science

This term in Science, Year 6 will study electricity, exploring how circuits work and identifying the functions of components such as bulbs, switches, motors, and buzzers. They will look at conductors, insulators and how to use electrical components safely. They will build and test circuits, recognise symbols in circuit diagrams, and investigate how voltage affects performance. Through working scientifically, students will plan fair tests, make predictions, record results, and draw conclusions based on evidence.

This unit links closely to our Formula One project where students will apply their understanding of electrical systems to explore how energy, innovation, and design impact the speed and efficiency of racing vehicles in both Formula One and Formula E.

Discovery

How does teamwork drive success?

This project reflects on our core values – One Team through collaboration; Excellence through their careful design and Leadership by encouraging them to take initiative and support each other through their process.

Students will explore engineering, aerodynamics, and systems and design creative ideas for our team's brand, considering purpose and listening to different viewpoints. They will learn how mechanical parts work together, collaboratively designing a strong chassis and solving problems as a team.

They will build and test their cars, reflecting on how communication and cooperation improve performance. Using CAD and CAM technology, they will create the car body, demonstrating innovation, responsibility, and effective teamwork throughout the project.