

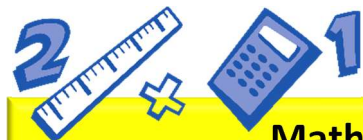


Autumn 1 in Year 5 – What are we learning?



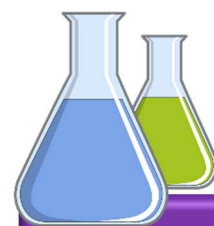
English Cosmic

Cosmic will be used as the year groups whole class reader. They will use cosmic to improve comprehension skills, writing skills and also to enhance their grammar. Pupils will also have guided reading lessons, weekly spellings and homework for English.



Maths

Year 5 children will start the year by securing their knowledge of place value. They will then continue to develop their understanding of the four operations – addition, subtraction, multiplication and division. During these topics they will develop their understanding of factors, multiples and prime numbers.



Science

In our first topic, we will learn how science works by developing key experimental and investigative skills. Looking at the scientific method, including how to plan fair tests, make accurate observations, record results, and draw conclusions. We also learn how to use basic scientific equipment safely and correctly. We will then move on to the Materials and Chemical Reactions topic, learning about the properties of different materials and how they can change. Exploring how materials can be mixed, separated, and changed through heating or cooling, and investigate reversible and irreversible changes. Pupils also begin to understand the basics of chemical reactions,



History

Year 5 History begins with us asking the question, 'How did we land on the Moon?' Having a literacy link to the book Cosmic, we study the history of invention, going right back in time to the main inventions of Ancient Civilisations such as Greeks and Romans, and making learning links with first school curriculum. We will move onto the Middle Ages, before a case study of Leonardo da Vinci as a key individual. Finally this term, pupils research into key innovators of the Industrial Period.



PSHE

Friendships, stereotypes and bullying

This unit explores respectful relationships and what to do about bullying. Pupils learn how to recognise and challenge stereotypes and prejudiced or extreme views.



Geography

Year 5 Geography begins with a study of North America. We start by locating and naming the different countries in North America. We then move on to studying climate, from the tropical climate of the Caribbean Islands to the polar climates of parts of Canada. We will learn the difference between physical and human Geography, identifying key physical features and using reciprocal reading to research further. We then study the human features, with a focus on capital cities, using research to enhance knowledge and understanding.



PE

Year 5 will focus on developing skills in gymnastics through a variety of engaging activities that build coordination, control, and confidence. Pupils will enhance their problem-solving abilities through teamwork and collaborative challenges. In PE, they will develop key techniques in tag rugby and netball, including passing, positioning, and tactical awareness. Forest School sessions will promote resilience, independence and environmental awareness during games lessons. Additionally, children will take part in swimming lessons to build water confidence and improve stroke technique, ensuring they meet national curriculum swimming expectations.



Music

Pupils will explore how music can represent water in all its forms, rivers, rain, the sea, through singing, composing, performing and listening to a range of water-inspired music. They'll develop their creativity, teamwork and musical skills by creating and performing their own descriptive compositions using dynamics, pitch, melody and sound effects



French

We will be learning how to say goodbye to someone, ask them their name, age and how they are and checking our number knowledge to 10.

We will also be learning colour names



RE

Holy Books

Learning about the origins of sacred writings and considering their importance for believers today.

Bible, Quran, Torah, Guru Granth Sahib



Art & Design and Technology

Design & Technology:

Pupils will design their own chocolate bar brand, researching existing products, developing flavours, and creating eye-catching packaging. They will use drawing and digital skills, consider sustainability, and present their final concept through a product pitch.

Art:

Starting with a baseline test, we then move on to exploring different materials and techniques.



Computing

This half term, children will be learning all about the technologies we use here at Walton Priory. They will get to see all of the technology used in Computing in school and will be able to successfully navigate our systems and understand how they work.