

Year 6 Spring Term Curriculum Overview



As Language Specialists we will use fun and exciting stories and non-fiction books to support our learning. We will learn to spell all the words on the Year 5 and 6 spelling list and words with similar spelling patterns. We will develop dictionary skills, using the first 3 or 4 letters of a word to check spelling and meaning in a dictionary and we will use a thesaurus with increasing regularity. When writing, we will use semi-colons, colons and dashes to mark boundaries between independent clauses and we will use a wide range of devices to build cohesion within and across paragraphs.



As Mathematicians we will use previous knowledge of the order of operations to carry out calculations involving the 4 operations. We will learn to multiply simple pairs of proper fractions, writing the answer in its simplest form. We will use written division methods in cases where the answer has up to 2 decimal places. We will learn to solve problems involving the calculation of percentages [for example, 15% of 360] and the use of percentages for comparison. We will find unknown angles in any triangles, quadrilaterals, and regular polygons. We will learn to interpret and construct pie charts and line graphs and use these to solve problems



As Scientists we will learn that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. We will learn that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. We will begin to identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. We will develop our understanding of electrical circuits: We will associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches. Use recognised symbols when representing a simple circuit in a diagram.



Across the curriculum

As Historians we will answer the question *What was the impact of World War 2 on the people of Britain?* We will investigate the causes of WW2; learn about the Battle of Britain; investigate the impact of the Blitz and evacuation on people's lives; and evaluate the effectiveness of primary sources.



As Geographers we will consider *Would you like to live in the desert?* Linking to biomes, we will map deserts, explore their physical characteristics and consider how humans have adapted to living there.



As Artists we will investigate form through making clay sculptures. We will learn about the history of gargoyles and grotesques and about how cartoonists such as Disney, Steranko and Schultz exaggerate human features to create humorous or grotesque effects.



As Athletes we will develop our understanding of the attacking and defending principles of invasion games. We will use skills, strategies and tactics to outwit the opposition.



As Musicians we will explore rhythmic patterns in order to build a sense of pulse and create a composition. We will study the work of Mendelssohn.



As Design Technologists we will look at global food. We will explore different food groups and learn the principles of a healthy and varied diet. We will explore the differences in the food of different cultures and prepare and cook savoury dishes using a range of cooking techniques.



As Computer Programmers we will learn to understand and create variables in games. We will develop an understanding of spreadsheets.



As Theologians we will consider what helps Hindu people as they try to be good. We will think about what Christians believe Jesus did to 'save' people.



As a French Speaker we will name the subjects we study in school in French with the correct definite article/determiner and extend sentences by giving an opinion on the various school subjects. We will learn about habitats around the world.



In PSHCE we will look at how we live in the wider world; who we belong to a community; Media literacy and digital resilience; Money and work. We will also have weekly Lyfta session where we explore different countries, languages, cultures and lived human experiences from all around the world.

