

MICHAELMAS TERM YEAR 6 CURRICULUM

ENGLISH

In Exciting Writing this term, the pupils will explore and use a variety of narrative skills to develop interesting characters and settings. They will write their own short story using ideas based on the work of Rudyard Kipling's Just So stories. They will write diary entries, using their understanding of the life of a Victorian child; they will write explanation texts linked to our work on rivers in Geography and they will write reports based on scientific investigations of light. Our writing will be further enhanced by investigating related materials in Reading Comprehension, for example the pupils will look at how authors create characters, build tension and how experiences can be presented in different formats. Punctuation and Grammar lessons will consist of consolidating and extending their current knowledge. They will begin to prepare for their SATs by focusing on learning the Statutory Spellings.

MATHEMATICS

This term's work will include place value to include one, two and three-place decimals; multiplying and dividing integers and decimals by 10, 100 or 1 000 and relating them to km and litres; rounding numbers to hundredths and thousandths; fractions and decimal equivalence; formal methods of calculating the four number operations to include decimals and word-problem solving; converting between metric and imperial units of length and weight; mental subtraction strategies; doubling and halving multiples of 10 to 10 000; multiplying using doubling and halving; calculating time intervals; negative numbers; comparing and ordering fractions, converting an improper fraction to a mixed number and vice versa; calculating area and perimeter of more complex shapes; calculating percentages and work on simple algebra.

SCIENCE

This term we begin with 'Animals including Humans' where we will identify and name the main parts of the human circulatory system, describing the functions of the heart, lungs, blood vessels and blood. Ways in which nutrients and water are transported within animals, including humans will be covered. Work will also include recognising the impact of diet, exercise and lifestyle on bodily functions. This will be followed by consolidating and enhancing work previously done on light. Pupils will be engaged in scientific investigations of light and shadow.

HISTORY

This term the pupils will start by studying the Victorians, Queen Victoria and her family. We will look at life in the Victorian Age, the spread of steam power and the effect of the new railways on society. Victorian workers and the conditions of the poor will be compared with conditions of the rich at this time, for example the culture of masters and servants. Victorian inventions, pastimes and life as a school child are also considered. The children will visit Quarry Bank Mill, Styal to complement and consolidate their learning.

GEOGRAPHY

Our topic for this term's Geography is 'Raging Rivers'. Pupils will learn the names and locations of the major rivers of the UK and the world. They will find out more about why rivers are so important to the towns and villages that have developed on their banks. By looking at the features of rivers, and the natural and human ways that rivers change over time, pupils will explore the life stories of rivers.



COMPUTING

E-safety: The pupils will review the importance of Internet safety and how to stay safe online. They will gain a greater understanding of passwords and e-security. Programming: Pupils will continue to develop their skills in writing algorithms as well as editing and debugging existing codes. New skills are introduced to structure code and animate characters and scenes, gradually building to create a short, animated story.

RELIGIOUS EDUCATION

Christianity and Buddhism: Pupils will learn about The Buddha. They will consider personal heroes and move on to explore the life of Prince Siddhartha. The term's work will culminate with a look at the differences between the sacred and secular at Christmas time.

DESIGN TECHNOLOGY

The objective this term is to design and construct a framework for a shelter. Pupils will learn about how structures can fail when loaded; the techniques of reinforcing and strengthening; the strength of tubes and triangles as construction materials, and the use of various textiles as suitable coverings.

ART

Pupils will investigate patterns and will improve their observational drawing. They will complete a variety of projects about themselves including symmetrical and charcoal portrait work, simple figure drawing and making a Victorian silhouette picture using a picture of themselves in profile.

MUSIC

Pupils will continue to develop their keyboard skills and improve their understanding of staff notation. They will improvise and compose a piece of music, based on a 'James Bond' theme and perform individually and as an ensemble, with control and expression. Pupils will continue to improve their memory by recalling musical sounds and will learn new songs to perform at the Harvest Festival and the Christmas Concert.

PSHEE

In PSHEE, pupils will explore the concepts of 'Our Happy School' and 'Out and About'. Through these units, pupils will discuss their rights and responsibilities and construct their own fantasy 'perfect' school, deciding on what they feel can be retained, improved or removed from their real-life school. Pupils will learn how to become better communicators and tackle various aspects of personal safety.

FRENCH

The pupils will begin with Notre Ecole (Our School). During this unit they will learn vocabulary and phrases connected to the topic of school. They will learn to exchange information about their school and their school routine. They will also revise describing people and telling the time. Next half-term the focus is broadened to cover Notre Monde (The World Around Us). This topic will enable pupils to find out about and compare the geography of France, French-speaking countries and other areas of the world.

PE, GAMES & SWIMMING

In Swimming, the pupils will secure their confidence in the water and ensure that they are safe in and around water. They will be working to improve their front crawl and backstroke technique whilst improving their speed. In PE and Games, the pupils will look at a variety of invasion games and the benefits of attacking and defending. They will explore the different rules of the games and learn to referee and umpire small sided games.

