

Y6 Curriculum Overview

Through a range of creative topics and cross curricular activities, Battle Hill Primary School aims to deliver the statutory guidance from the Primary National Curriculum in order to make learning more relevant and meaningful to the pupils.

	<p>Spelling - Pupils will revise the work from previous years and learn to spell a mixture of words they will use frequently, or often misspell as listed on the statutory word lists for Years 5 and 6. They will continue with spelling rules and exceptions, including prefixes, suffixes, polysyllabic words, homophones, plurals. They will continue to investigate the relationships between sounds and letters and use a dictionary and thesaurus.</p> <p>Reading - Pupils will read a range of fiction, poetry, plays, non-fiction, reference and text books, covering a range of different genres. They will discuss, compare and contrast texts, read aloud and perform written pieces, including appropriate expression. They will be encouraged to ask and answer questions, involving inference, deduction and prediction, giving evidence for their answers and discussing their views. They will make comparison within and across books and learn a wider range of poetry by heart.</p> <p>Writing - In composition pupils will write in a variety of styles (narrative, nonfiction, poetry) for a variety of different purposes. They will plan, draft and write then evaluate and edit by assessing its effectiveness and improving. Pupils will develop characters, settings and atmosphere, linking ideas within and across paragraphs, using appropriate vocabulary, grammar and punctuation consistently to clarify meaning and effect. They will also be taught grammatical terminology set out in the statutory guidance for Year 5.</p> <p>Handwriting - Pupils will continue to increase the legibility, consistency, speed and quality of their handwriting.</p>
	<p>Number - Pupils will read, write and order numbers up to 10,000 000, identifying the value of each digit. They will round whole numbers, and use negative numbers in context</p> <p>Calculation (Addition/Subtraction/Multiplication/Division) - Pupils will multiply and divide numbers up to 4 digits. They will identify common factors, common multiples and prime numbers. Pupils will solve multi step word problems involving all four operations.</p> <p>Fractions - Pupils will simplify and find equivalent fractions, compare and order fractions, add, subtract multiply and divide fractions and multiply decimal numbers. They will recognise relationships between fractions, decimals and percentages.</p> <p>Ratio and proportion-Pupils will solve problems involving relative sizes, where missing values can be found and problems involving %, scales and unequal sharing.</p> <p>Algebra - Pupils will use simple formulae, find missing numbers, generate number sequences, express number problems algebraically and find numbers to satisfy equations.</p> <p>Measurement - They will convert between units of measure, perimeter, area and volume.</p> <p>Geometry - Pupils will recognise the properties of 2 and 3d shapes, including angles and name parts of a circle. They will describe positions on all 4 quadrants and reflect, rotate and translate shapes across quadrants.</p> <p>Statistics - Pupils will read and draw pie charts and line graphs and calculate and interpret the mean average.</p>
	<p>Living things and their habitats - Pupils will classify and compare plants, animals and microorganisms.</p> <p>Animals including humans - They will identify the main parts of the human circulatory system, function of the heart, blood and blood vessels. They will understand the importance of diet, exercise and drugs on the function of the body and how water and nutrients are transported within animals.</p> <p>Evolution and inheritance - Pupils will describe how fossils provide information about the Earth millions of years ago and how plant and animal adaptation has evolved.</p> <p>Light - They will understand light travels in straight lines, how we see things and how shadows are formed.</p> <p>Electricity - Pupils will use symbols to represent a circuit, describe how the brightness of a bulb is affected by the number and voltage of cells and explain how components function in a circuit.</p>



Design and Technology tasks will be related to our creative topics and will provide opportunities for children to design, make and evaluate a range of products. They will learn how to strengthen and reinforce structures, incorporate mechanical and electrical systems and use computing to program and control their products. In Food technology, children will be taught about a healthy and varied diet and how to prepare and cook a range of dishes.



Art will be linked to our creative topics providing opportunities for children to record observations, use a range of techniques including drawing, painting and sculptures using a wide range of different materials. They will be taught about great artists, sculptors and designers from different periods. They will learn about colour, line, shape, form, texture, position and perspective.



Pupils will learn about World War 2 and how the Battle of Britain was a Significant turning point in British History. They will look at changing aspects of social history with a focus on crime and punishment and will learn about the Kingdom of Benin- West Africa - (a non European society) its location, what life was like, how society was organised and its contrasts to British history. Pupils will also study any relevant significant key figures in history and their impact upon the world. eg; Neville Chamberlain and Winston Churchill. Pupils will use a range of sources to find out about the historical development of the particular periods in history and develop a chronologically secure knowledge and understanding of British, local and world history.



Locational knowledge - Pupils will locate countries around the world, including their major cities, physical and human characteristics.
Place knowledge - They will compare and contrast the UK with Australia during our 'G'Day Mate' topic.
Human and Physical geography - Pupils will learn about tropical storms, volcanoes, earthquakes and tsunamis when covering our topic 'Extreme Earth'. They will look at mountains and mountain ranges - formation, famous expeditions and mountain biodiversity during 'Into the Death Zone'.
Geographical skills and fieldwork - They will use maps, atlases, globes, the 8 points of the compass, grid references and keys. They will draw maps and plans to record geographical features.



Pupils will use a range of technologies including; PCs, iPads, cameras and recording devices, use programs that support basic ICT skills as well as Movie making, Animation, Web Application, Gaming Design, Art in ICT, Spreadsheets and programming. E safety will be taught throughout the year ensuring the safe use of technologies and how to report concerns about content and contact.



Pupils will be taught to develop and extend their skills individually, in pairs and as part of a team. They will develop flexibility, strength, technique, control and balance in Gymnastics and Dance. They will compare and improve on personal performance and play a variety of invasion and striking and fielding games, including Netball, Football, Hockey, Tennis, Cricket and Rounders.



Music will be taught through a range of musical activities. Pupils will learn to perform, listen to and review music related to our topics and themes. They will be introduced to composers from different periods in times. They will learn to sing and create and compose their own music, taking account of pitch, duration, dynamics, timbre, tempo textures and structure and use musical notation.



In spoken and written language pupils will learn how to engage in conversations, speak in sentences, develop pronunciation, read and understand words and phrases, understand basic grammatical rules, read aloud and write simple paragraphs, which include description, based on simple models.



Pupils will study Buddhism - the Sanga, Christianity around the World, Hinduism - identity & belonging (Journey of life, new beginnings), Judaism - Passover, Festivals & celebrations and Islam - Hajj - The Journey of a Lifetime



Pupils will be given many opportunities for group discussions and reflecting on own experiences thinking about many different aspects of their lives. They will look at healthy and unhealthy choices and how to keep safe. SEAL (Social and Emotional Aspects of Learning) is incorporated into Battle Hill's PSHCE education - New beginnings, Getting on and falling out (including saying no to bullying), Going for Goals, Good to be me, Relationships and Changes.