



Y5 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, nonfiction, 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, discussing their views. They will make comparison within and across books and learn a wider range of poetry y heart.</p> <p>Writing - In composition pupils will write in a variety of styles (narrative, non-fiction, 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 1,000 000, round whole numbers, and use negative numbers in context. They will count forwards and backwards in steps of powers of 10. They will interpret negative numbers in context, counting forwards and backward through zero. They will read Roman numerals up to 1000 and recognise years written in Roman numerals.</p> <p>Addition and Subtraction - Pupils will add and subtract numbers with more than 4 digits using formal written methods and calculate mentally with increasingly larger numbers. They will check accuracy by rounding and using inverse.</p> <p>Multiplication and Division - Pupils multiply and divide numbers up to 4 digits using formal written methods including short and long multiplication and division. They will identify common factors, common multiples and prime numbers and understand the vocabulary of prime numbers, prime factors and composite numbers. Pupils will solve word problems involving all four operations and fractions. Pupils will use known facts to multiply and divide mentally and multiply and divide numbers involving decimals by 10, 10 or 1000. They will also recognise and use square numbers and cube numbers.</p> <p>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 and subtract fractions and read and write decimal numbers as fractions. They will identify relationships between fractions, decimals and percentages. They will also round decimals to the nearest whole number.</p> <p>Measurement - Pupils will convert between units of measure, perimeter, area, mass and volume and use approximate equivalents between metric and common imperial units. They will calculate and compare the area of rectangles and estimate the area of irregular shapes. They will also solve problems involving time.</p> <p>Geometry - Pupils will recognise the properties of 2 and 3d shapes, including angles, know angles are measured in degrees and estimate and compare acute, obtuse and reflex angles. They will identify angles on a turn and on straight line. They will use their understanding to find missing lengths and angles. They will reflect, rotate and translate shapes.</p> <p>Statistics -Pupils will solve comparison, sum and difference problems and present in a line graph. They will interpret information from tables and graphs.</p>



Living things and their habitats- Pupils will describe the differences in the life cycle of a mammal, an amphibian, an insect and a bird and the life processes of reproduction in some plants and animals.

Animals including humans - They will describe the changes as humans develop to old age.

Properties and changes of materials - Pupils will compare and group together everyday materials on the basis of their properties. They will understand that some changes of state are reversible and some are irreversible. They will draw conclusions based on evidence collected from fair tests.

Earth and Space - Pupils will describe the movement of the earth and other planets relative to the sun and the solar system. They will understand that day and night are a result of the earth's rotation.

Forces - Pupils will explain that unsupported objects fall towards the earth because of the force of gravity acting upon it. They recognise that some mechanisms allow a smaller force to have a greater effect including levers, pulleys and gears.



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 the Victorians and their impact on our lives today. They will look at the achievements of one of the earliest civilizations - Ancient Greece. They will learn about the Mayans (a non European society) and its contrasts to British history. They will also study the impact of any relevant significant key figures in history and their impact upon the world. eg; Queen Victoria

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 with the UK when carrying out a study of Northern France.

Human and Physical geography - Pupils will describe climates, rivers, mountains, landmarks and settlements when studying South America. They will also identify how and cause of change the landscape when studying coasts.

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 and Cricket.



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 learn about the Five Pillars of Islam, Christianity - Faith in Action at Christmas, Missionaries and who was Jesus, Hindus - The Mandir (Holi - Spring festival) and Buddhist teachings.



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.