

Y2 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>Phonics- Pupils will apply phonic knowledge and skills to decode words until reading is fluent.</p> <p>Spelling - They will learn how to segment words into phonemes and identify the correct grapheme to represent each sound. They will learn to spell common exception words, words with contracted forms, words that require a possessive apostrophe, common homophones and add suffixes (<i>ment, ness, ful, less, ly</i>) to spell longer words.</p> <p>Reading - Pupils will be taught to read accurately by blending sounds in words containing graphemes. They will read words with two or more syllables and words containing common suffixes. They will be provided with the opportunity to read books aloud closely matched to their improving phonic knowledge, sounding out unfamiliar words accurately. We aim to develop the pupils' pleasure in reading, motivation and understanding by listening to, reading, discussing and expressing views about a range of fiction, poetry, plays, and non-fiction, reference and text books, covering a range of different genres.</p> <p>Writing - Pupils will add to their knowledge of punctuation by using exclamation marks, question marks, commas for lists and apostrophes for contraction and possession. They will also be taught grammatical terminology set out in the statutory guidance for Year 2. In composition pupils will write in a variety of styles (narrative, non-fiction, poetry) for a variety of different purposes. They will learn to plan, evaluate their writing, proof read, develop characters, settings and plot, and apply their new and existing knowledge to use appropriate vocabulary, grammar and punctuation consistently to clarify meaning and effect.</p> <p>Handwriting- Pupils will be taught how to using diagonal and horizontal strokes to join letters, write capital letters and form digits of the correct size, orientation and relationship to one another.</p>
	<p>Number - Pupils will learn to count from 0 in multiples of 2, 3 and 5 and in 10s from any number forwards and backwards. They will recognise place value of each digit in a 2 digit number, compare and order numbers up to 100, including the use of $<$, $>$ and $=$ signs and use their understanding of place value and number facts to solve problems. They will read and write numbers up to 100 in numerals and in words.</p> <p>Calculation - Pupils will solve problems which involve addition and subtraction using objects, pictures, numbers, quantities and measures. They will apply their increasing knowledge of mental and written methods and learn addition and subtractions facts to 20, relating this to number facts up to 100. Pupils will use multiplication and division facts for the 2, 5 and 10 times table. They will recognise and use inverse relationships between operations. They will calculate mathematical statements for multiplication and division. As well as solving problems involving addition and subtraction, pupils will include multiplication and division, using materials, arrays; repeated addition and multiplication and division facts. They will understand addition and multiplication is commutative.</p> <p>Fractions - Pupils will count in fractions up to 10 using $\frac{1}{2}$ and $\frac{2}{4}$ on a number line. They will find, name and write $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of lengths, shapes and quantities.</p> <p>Measurement - Pupils will measure length/height in any direction (m/cm), mass (kg/g), temperature ($^{\circ}\text{C}$) and Capacity (litres/ml) using scales, rulers, thermometers and measuring vessels. They will compare measures using $>$, $<$ and $=$. They will learn to recognise and use symbols £/p, find combinations of coins that equal the same amount; solve simple problems including giving change. Pupils will tell and write the time to 5 minutes, including quarter past/to. They will understand 60 minutes equals an hour and 24 hours in a day.</p> <p>Shape - Pupils will identify properties of 2D and 3D shapes, including naming 2D shapes on the surface of 3D shapes, for example a circle on a cylinder and a triangle on a pyramid. They will use their developing knowledge to sort common 2D, 3D shapes and everyday objects and arrange patterns and sequences.</p> <p>Statistics - Pupils will learn to interpret and construct simple tally charts, block diagrams and simple tables, then answer simple questions by counting objects in each category, sorting categories and totaling and comparing data.</p>



Living things and their habitats – Pupils will explore and compare the differences between things that are living, dead, and things that have never been alive. They will identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants and how they depend on each other. They will identify and name a variety of plants and animals in their habitats, including micro-habitats. Pupils will describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.

Plants – They will observe and describe how seeds and bulbs grow into mature plants. They will investigate and from their results describe how plants need water, light and suitable temperature to grow and stay healthy.

Animals including humans – They will note that animals (including humans) have offspring which grow into adults and find out about, then describe the basic needs of animals including humans for survival. They will understand the importance for humans to exercise, eat the right amounts of different types of food and hygiene.

Use of everyday materials – Pupils will identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. They will investigate how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Scientific Enquiry – Throughout the year, the pupils will be asking questions, making predictions and drawing conclusions from their results. They will be observing, classifying and carrying out investigations, using a range of equipment, including new equipment such as data loggers. They will be given the opportunity to recognise when secondary sources might help them answer questions.



Design and Technology tasks will be related to our creative topics and will provide opportunities for pupils to **design, make** and **evaluate** a range of products. They will work in a range of relevant contexts such as the home, school, gardens, local community etc. A range of creative and practical tasks will be used to allow pupils to use a variety of materials, tools and equipment will be carried out throughout the year.



Art will be linked to our creative topics providing opportunities for pupils to record observations, use a range of techniques including drawing, painting and sculptures using a wide range of different materials. They will study the work of a range of artists, craft makers and designers and make links to their own work. They will develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space.



Pupils will develop an awareness of the past using a wide range of everyday historical terms. They will understand some of the ways in which they find out about the past and identify different ways in which the past is represented. They will understand that people and events they study fit in a chronological framework and identify similarities and differences of ways of life in different periods. These areas will all be covered in creative topics work by studying local history of how life has changed, the history of pirates, Christopher Columbus and history from stories.



Locational knowledge – During 'Sail the Seven Seas' pupils will name and locate the world's 7 continents and oceans. They will name, locate and identify characteristics of the four countries of the United Kingdom.

Place knowledge – During 'Fanatical about Football', they will compare and contrast human and physical geography of Britain and another European country.

Human and Physical geography – Pupils will describe climates, rivers, mountains, landmarks and settlements in different areas of the world.

Geographical skills and fieldwork – During 'Strange Sightings' they will use atlases, globes, maps and plans of strange settings, learn the 4 points of the compass and use basic symbols and keys. Throughout the year, pupils will use simple fieldwork and observational skills to study the geography of the local area.



Pupils will use a range of technologies including; PCs, iPads, cameras and recording devices and use programs that support basic ICT skills. Pupils will also use search engines and present information using the internet. They will use technology to create, organise, store, manipulate and retrieve digital content. Throughout the year, pupils will learn E safety - how to use technology safely, keep information private and how to report concerns.



Pupils will be taught to develop and extend their skills individually, in pairs and as part of a team. They will be developing basic movements, balance, agility and coordination and apply these to a range of activities. They will perform dances using simple movement patterns linked to our creative topics and participate in team games such as rounders, net and ball games; invasion games, rugby and Multi Skills with Newcastle Foundation.



Music will be taught through a range of musical activities. Pupils will learn to perform, listen to and review music related to our creative topics and themes. There will be many opportunities for singing, chanting, rhyming and playing tuned and un-tuned musical instruments throughout the year. Pupils will compose their own music considering pitch and tempo by experimenting, creating, selecting and combining sounds.



Pupils will have the opportunity to take part in a number of French games, songs and interactive activities. They will learn to count to 20, recognise colours, ask and answer simple questions and speak in short sentences. They will learn to greet each other; discuss the weather and their families.



Pupils will study Harvest - why they are thankful for what they have and helping those around the world who are less fortunate than us. They will investigate Celebrations in the Jewish Home, the beliefs of Christianity by studying the life of Jesus' friends, Jesus and his teaching. They will also explore Christmas traditions. They will extend this work at Easter by learning about Jesus' enemies, his life and death. They will read New Testament stories and learn about Islam, following Allah's teaching from the Qur'an.



Pupils will be given many opportunities for group discussions and reflecting on their 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.