

Curriculum @ Catshill

CHALLENGE OPPORTUNITY ACHIEVEMENT

Our curriculum

- *prepares all pupils for a safe and successful future*
- *is engaging, challenging and relevant*
- *is National Curriculum compliant*
- *follows the locally agreed Worcestershire SACRE to develop religious education*

Autumn Term 2022

Subject Area	Curriculum Overview
English	<i>Using film as inspiration, learners explore the features of effective narratives and reports. Through the study of significant authors and texts, they identify the features and investigate the effective use of dialogue. The development of reading, grammar, punctuation and spelling is embedded in all lessons.</i>
Maths	<i>Learners focus on the areas of number and calculation. They calculate and solve problems using addition, subtraction and multiplication, performing mental calculations. Learners focus on fractions, learning to simplify and order fractions and use equivalences with decimals and percentages.</i>
Science	<i>Learners study the human circulatory system and discover how diet, drugs, exercise and lifestyle affect the body. They discover how light travels and how shadows are formed, learning about the structure and working of the eye. They develop the skills of carrying out a scientific enquiry.</i>
Art	<i>Learners explore the plight of migrants through history. They consider memorial statues to victims of Irish famine and the work of Giacometti and Gormley whilst developing skills in figure-drawing and model-making.</i>
Computing	<i>Pupils learn about the history of the computer and about its components, using Google Slides to create a presentation that explains their understanding of computer systems. They explore inputs, outputs, processing, programming and storage and learn how computers 'read' and 'send' data.</i>
Design & Technology	<i>Pupils learn where food grows and how it is harvested in this 'Farm to Fork' unit which is enriched by a visit to Bonterre Farm. They then investigate and taste different varieties of soup before creating and evaluating their own soup.</i>
Spanish	<i>Learners are introduced to Spanish phonetics. They develop language skills and vocabulary through classroom instructions, greetings, numbers, food and Christmas celebrations.</i>
Humanities	<i>Learners develop historical skills through study of the journey of chocolate, studying Mayan civilisations and the geography of South America, the importance of fair trade and the history of the Cadbury family. They undertake a field study of Bournville village before experiencing the manufacture of chocolate at Cadbury World.</i>
Life Skills	<i>Pupils explore different models of friendship and family and consider factors required for positive relationships; they learn how to resolve conflict effectively. Pupils consider their understanding about thoughts and emotions, both positive and negative and learn how to make good choices.</i>
Music	<i>Pupils continue to improve their ensemble playing through the learning of cornet or ukulele and are encouraged to develop their expression, control and fluency whilst beginning to read notation.</i>
PE	<i>Pupils develop their competitive games skills and apply the basic principles of attacking and defending. They learn how to analyse and evaluate their performance.</i>
RE	<i>Pupils explore the key question 'If God is everywhere, why go to a place of worship?' They explore different places of worship and make connections between how people feel about places of worship in different traditions. They then explore what it means to be a Muslim in Britain today, learning about the key beliefs and practices of Islam.</i>

Spring Term 2023

Subject Area	Curriculum Overview
English	<i>With a focus on the text 'Stormbreaker', pupils identify the criteria to write a range of fiction and non fiction texts. They develop persuasive writing through formal letter-writing and use a range of fiction texts to identify the features of varying genres and how to match purpose and audience. The development of reading, grammar, punctuation and spelling is embedded in all lessons.</i>
Maths	<i>Learners study perimeter, area and volume of various 2D and 3D shapes and study position and direction using the co-ordinate grid. They move on to decimals and percentages and practice problem solving with these. In algebra, they learn to use simple formula.</i>
Science	<i>Learners explore electrical circuits and practise drawing circuit diagrams using symbols in addition to undertaking a range of practical enquiries. They study a range of living organisms and learn how these can be sorted into groups, developing their skills of observation and classification.</i>
Art	<i>Pupils study the work of Brazilian artist Beatriz Milhazes. They consider the beauty and importance of the rainforest through drawing, painting and collaborative collage.</i>
Computing	<i>Pupils expand their understanding of image manipulation using Paint.Net to create images with layering and different effects. They develop their understanding of coding, using Kodu to create a competitive game.</i>
Design & Technology	<i>Pupils develop skills in textiles and electronics to develop a 'Face in a Case'. Using annotated sketches, they explain and indicate the design features of their product. Practical skills are developed as they learn how to use the electric sewing machine safely and apply these skills to achieve accuracy when making. Pupils also assemble their jittering emoji toy with a variable cam and motor.</i>
Spanish	<i>Learners develop Spanish phonetics. They develop language skills and vocabulary through body parts, colours, animals and family.</i>
Humanities	<i>Learners undertake a study of how to protect our planet. They develop historical skills through the study of how medicine has changed over time and what the Ancient Greeks have done for us.</i>
Life Skills	<i>Pupils continue to explore how we grow and change, both physically and emotionally and consider the types of relationships that people have. They develop strategies to cope with pressure including examination stress.</i>
Music	<i>Learners explore the orchestra and its families of instruments, studying key composers and composing their own brass fanfare and four seasons strings pieces using triads and scales.</i>
PE	<i>Pupils continue to explore how the body works and how to develop body capabilities through gymnastics, dance and health-related fitness. Pupils take part in outdoor and adventurous activity challenges both individually and within a team, building on year 5 work.</i>
RE	<i>Learners explore what matters most to Christians and Humanists, describing the similarities and differences between them. They are encouraged to express their own ideas on big moral concepts, such as honesty and fairness developing respect for and an interest in the beliefs of others.</i>

Summer Term 2023

Subject Area	Curriculum Overview
English	<i>Learners continue to utilise a range of fiction texts as stimulus to explore genres and match writing to purpose and audience. The development of reading, grammar, punctuation and spelling is embedded in all lessons.</i>
Maths	<i>Pupils study ratio & proportion, practising problem-solving strategies. They investigate 2D and 3D shapes and their construction and learn how to find unknown angles in triangles, quadrilaterals and polygons. They interpret and construct pie charts and line graphs, using these to solve problems.</i>
Science	<i>Pupils discover how living organisms have changed over time and about the theories of Charles Darwin, including evolution and natural selection. They focus on developing the skills needed to work scientifically in preparation for Key Stage 3 Science.</i>
Art	<i>Pupils learn about the Arts and Crafts movement and focus on the work of William Morris. They undertake research and observational drawing and create printing blocks to produce repeat patterns.</i>
Computing	<i>Learners study 3D design and learn how computers can be used to create simulations of real life through the use of Google Sketchup. They extend their knowledge of image manipulation using various applications and their knowledge and skills of spreadsheets, developing their skills further using Excel and Google Sheets to perform calculations and write formulae and produce graphs.</i>
Design & Technology	<i>Pupils study resistant materials to understand about 'Wonderful Wood'. They measure, mark and cut out components with accuracy, becoming competent using hand tools.</i>
Spanish	<i>Pupils learn to create sentences using negatives. They develop language skills and vocabulary through likes & dislikes and sporting/social activities. They explore Spanish speaking countries and learn about life in Costa Rica through the eyes of a child.</i>
Humanities	<i>Learners explore how our future will look like and why people live near fault lines. Learners develop their own historical enquiry questions by looking at the impact WW1 and WW2 had on our local area.</i>
Life Skills	<i>Learners explore the importance of human rights when living in the wider world. They consider key aspects of personal safety, complementing the humanities unit on transport and acquire basic first aid skills and become equipped with the confidence to act appropriately in an emergency situation. They learn about personal responsibility and the importance of e-Safety.</i>
Music	<i>Learners explore the culture and style of Spanish music through Flamenco body percussion and other Spanish styles. They develop their rhythmic fluency, layering ostinati together creatively. Learners move onto creating a class Indonesian gamelan, experiencing calm, cyclic music by combining rhythm, pitch and ensemble skills.</i>
PE	<i>Pupils practise and develop a range of athletics skills, including sprinting, long distance running, jumping and throwing. They play competitive rounders and cricket and learn to analyse and evaluate their performance.</i>
RE	<i>Learners explore Ahimsa (harmlessness), Grace and Ummah (community) and make links between beliefs and behaviour in different religions. They consider the challenges of being Hindu, Christian or Muslim in Britain today.</i>