

Curriculum at Catshill Middle School

Year 6

Be Kind, Be Safe, Be Respectful, Be Ready

Autumn Term 2023

Subject	Curriculum Overview
English	<i>Using film as inspiration, learners explore the features of effective narratives and recounts. 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 inquiry.</i>
Art	<i>Artists begin the year by looking at four of the Formal elements; tone, line and colour. Within this term they take inspiration from contemporary artist Yayoi Kusama to design and create a clay tile that combines these elements.</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 develop their understanding of coding, using Scratch to create a competitive game using variables to store information on score and time.</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>Pupils revisit key Spanish phonetic sounds and build their vocabulary through the 'my school life' topic. Pupils will learn how to express likes and dislikes in Spanish in relation to school life. Learners will build on their learning of the present tense and learn to make comparisons in Spanish. Pupils will compare their school life to that of a child in a Spanish speaking country.</i>
Humanities	<i>Learners develop historical skills through study of the ancient Mayan civilisation and why they remain significant to our world today. They discover the geography of South America, including the importance of biomes and how we can protect the Amazon.</i>
Life Skills	<i>Pupils begin with the topic 'Being me in my World'. They identify goals for the year and consider: global citizenship, children's universal rights, democracy, and anti-social behaviour. Also, they study the topic 'Celebrating Difference' pupils consider respect for similarity and difference, anti-bullying and being unique.</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 2024

Subject	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 formulas.</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>Artists explore the theme of 'Flight' embedding their learnt skills from autumn term by creating tonal drawings of insects, correct application of colouring pencils to represent feathers and what a soundscape is and how it can be represented in art.</i>
Computing	<i>Pupils explore inputs, outputs, processing, programming and storage and learn how computers 'read' and 'send' data. They extend their knowledge skills of spreadsheets and databases, 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 will learn to talk about the solar system in Spanish and the world which we live in. They will look at continents, biomes and how different areas of the world vary- they will learn to discuss these in Spanish. They will further develop their knowledge of present tense verbs and adjectival agreement. They will research animals which originate from Spanish speaking countries.</i>
Humanities	<i>Learners undertake a study of the threats to the natural world and develop their own strategies to protect our planet. Learners will also develop second order historical skills such as change and continuity through evaluation of how medicine has changed over time.</i>
Life Skills	<i>Pupils begin with the topic 'Being me in my World'. They identify goals for the year and consider: global citizenship, children's universal rights, democracy, and anti-social behaviour. Also, they study the topic 'Celebrating Difference' pupils consider respect for similarity and difference, anti-bullying and being unique.</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 2024

Subject	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>Artists will explore the theme of 'Botanical Artworks' learning about how to create artworks through line drawings, accurate colour mixing and developing their watercolour skills through painting techniques. They will observe natural forms and the contribution botanical artworks have made to society.</i>
Computing	<i>Pupils will use a web page design tool to create simple web pages about a topic of their choosing. They will learn about good web design and how to create content for a particular audience. They will also further their understanding of image manipulation by using the tools and features of Paint.net software to create a range of pattern work.</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 food before creating and evaluating their own recipe.</i>
Spanish	<i>Pupils expand their vocabulary through our topic 'My hobbies and sports- Euros 2024'. They will build their grammatical knowledge by learning to form the immediate future tense. As well as giving opinions and reasons on various hobbies, they will learn and apply language linked to playing sports and research a Spanish speaking athlete and look at La Liga in Spain.</i>
Humanities	<i>Learners explore what the Ancient Greeks have done for us, and study what causes natural disasters and how these can be mitigated against.</i>
Life Skills	<i>Pupils study 'Relationships' and consider building positive, healthy relationships. Pupils then study the topic 'Changing Me' and explore how to cope positively with change.</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>