

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*

Subject Area	Curriculum Overview
English	<i>Learners study gothic literature and explore what makes an effective gothic text before creating their own piece of writing. They study the devices of poetry and focus on conflict poetry, undertaking a comparison of two pieces. The development of reading, grammar, punctuation and spelling is embedded in all lessons.</i>
Maths	<i>Learners study Number: prime numbers, significant figures and calculations, applying the four operations to integers, decimals and fractions. In Geometry, they focus on the properties of shapes and construction, interpreting plans and using scale. In Algebra, they simplify and manipulate algebraic expressions and rearrange formulae.</i>
Science	<i>Pupils study heat transfers, Particle Theory and the Periodic Table. They learn about different types of chemical reaction and use their understanding of the particle model to explain these.</i>
Art	<i>Pupils learn about the festival of the 'Day of the Dead'. They will focus on the work of Frida Kahlo and explore colour and pattern work, before creating portraits. Complementing the geography curriculum, pupils explore Indian customs and traditions through artwork. They study the work of Anish Kapoor and create their own mon-prints.</i>
Computing	<i>Pupils learn how to use Gantt Charts to show time management. They develop Internet research skills and work independently to produce a presentation of their findings using Google Slides, which is both self and peer assessed.</i>
Design & Technology	<i>Topics are taught on a rotation basis. Learners study World Food. They become competent in a range of cooking techniques, selecting and preparing ingredients; using utensils and equipment safely and are able to use their awareness of taste, texture and smell to adapt and create their own individual recipes.</i>
French	<i>Pupils learn about various forms of entertainment, including tourism, and how to express their opinions of these. They review the present tense before developing their use of the past tense.</i>
Geography	<i>Pupils develop physical, human and environmental geography through the study of India, exploring partition and rural-urban migration. They then consider the causes and impact of climate change and explore the range of evidence that shows climate change over time.</i>
History	<i>Learners explore democracy in Britain between 1800 and 1920 and learn about the impact on local areas such as Dodford. They investigate why a sandwich was to blame for WW1 and discover the impact on medicine and international relations.</i>
Life Skills	<i>Learners explore how career opportunities are changing in the UK and identify the skills needed for a modern jobs market. They explore the role of alcohol and drugs, including smoking & vaping, in society and the consequences of use/misuse. They learn how to manage peer influence.</i>
Music	<i>Pupils explore the basics of melodic writing using pentatonic scale, learning how to write a catchy jingle to a given stimulus. Learners explore 'Mickey-Mousing' and discover how music can enhance the action on-screen, before composing their own soundtrack to a film clip.</i>
PE	<i>Learners use a range of tactics and strategies to overcome opponents in direct competition through football, netball, hockey and basketball. They apply the basic principles of attacking and defending and learn to analyse and evaluate performance.</i>
RE	<i>Learners explore the variety of writings in the bible: narrative, poetry, prayer, commands and letters. They consider the moral commands and question how these can be of use in today's world. Different responses to the Bible are investigated and learners consider whether you have to be a Christian to 'live biblically'.</i>

Spring Term 2020

Subject Area	Curriculum Overview
English	<i>Learners study a novel, either Noughts and Crosses or Boy in the Striped Pyjamas. They explore the author's craft - plot, structure, characterisation and themes - before closely analysing an extract and producing their own piece. Learners move on to Shakespeare, either Romeo & Juliet or Macbeth, and study characterisation & themes before producing a written essay on one of these. The development of reading, grammar, punctuation and spelling is embedded in all lessons.</i>
Maths	<i>Learners investigate probability and ratio, applying these to real contexts. They solve problems using % change and calculate exactly with fractions. In Algebra, they study algebraic rules and learn to calculate the nth term of linear sequences, before solving linear equations using graphs.</i>
Science	<i>Pupils study the significant processes of living organisms: digestion, breathing, respiration and photosynthesis. They investigate magnetic materials, learn how electromagnets work and are used and study static electricity.</i>
Art	<i>Pupils explore art through wartime. They will consider the work of famous artists such as the Nash brothers, Nevinson, Otto Dix as well as Picasso. They will independently present sketchbook work and also turn realistic images into abstract images.</i>
Computing	<i>Pupils develop their understanding of spreadsheets, learning how to format these, use formulae and import files and data from other applications. They use Microsoft Access to create forms, input data and then filter this to achieve the required results.</i>
Design & Technology	<i>Topics are taught on a rotation basis. They develop a design for a food themed tote bag which they then produce by precisely cutting pattern pieces, hand-stitching embroidery and safely using a sewing machine.</i>
French	<i>Pupils learn to describe their home in detail and develop their vocabulary on food. They are introduced to the future tense and learn to use a variety of prepositions.</i>
Geography	<i>Pupils develop physical, human and environmental geography through the study of China and Russia. They explore the relationship that these countries have with the world and compare the original and modern day Silk Road.</i>
History	<i>Learners explore life in Nazi Germany and the impact of the Holocaust on various groups. They examine the importance of technology to the Allied victory and judge key events of WW2.</i>
Life Skills	<i>Learners recap the process of democracy and the organisation of UK Parliament. They learn about the justice system and consider the impacts of 'crossing the line', particularly in relation to online activity. They explore the importance of respect in a range of relationships and learn how to respond in various situations.</i>
Music	<i>Learners explore the music of the southern states of America covering slave trade, plantation workers, Blues artists, convention and musical theory. They learn to improvise, arrange, compose and perform. Learners then explore the use of a hook as a musical device in popular music, moving on to the study of riffs as a common type of hook. They play, arrange and perform a piece built of two rock riffs with a bridge.</i>
PE	<i>Learners apply advanced dance techniques using a range of styles to create a performance. They aim to improve their personal best in dance, gymnastics, health related fitness and games and practise analysing and evaluating performance.</i>
RE	<i>Learners consider the belief of life after bodily death and explore the music, hymns and songs that are used at Christian and secular funeral services. They study 'samsara', the Buddhist cycle of birth and rebirth, and contrast this with Humanist beliefs.</i>

Summer Term 2020

Subject Area	Curriculum Overview
English	<i>Learners study Real World Texts, reading a variety of articles before producing their own non-fiction text. They study a play script with a focus on monologue and alternative endings before beginning preparations for high school transfer. The development of reading, grammar, punctuation and spelling is embedded in all lessons.</i>
Maths	<i>Pupils calculate perimeters and areas of 2D shapes, including circles, and calculate volumes of prisms. They plot graphs of equations and interpret these. In Statistics, they interpret, analyse and compare data sets, use scatter graphs and recognise correlations.</i>
Science	<i>Learners consider human impact on climate and natural resources. They study forces and learn to calculate speed and pressure, whilst developing skills in data presentation and interpretation.</i>
Art	<i>Pupils study the work of surrealist artists. They will consider and produce work based upon different viewpoint, create their exquisite corpses and complete the topic with a composition based upon dreams.</i>
Computing	<i>Learners extend their knowledge of Python Programming and create a series of games using the Microbit. They study web design and use Notepad to write HTML. They apply their knowledge to create a series of webpages about school that would inform new pupils.</i>
Design & Technology	<i>Topics are taught on a rotation basis. Pupils undertake research and learn to use a variety of workshop tools in order to design and make a culturally themed sweet dispenser.</i>
French	<i>Pupils study the film 'Les Choristes' and learn how to write a film review, applying their knowledge of verb tenses and opinion phrases.</i>
Geography	<i>Pupils explore the geography of crime and learn how to interpret crime statistics. They explore a range of contemporary issues including smuggling, trafficking and piracy. Learners briefly explore the processes that shape the UK coastline prior to visiting Bude and link changes to their prior learning on climate change.</i>
History	<i>Learners study life after WW2, compare Communism with Capitalism and investigate the impact of the Cold War. They consider why the Middle East is regularly in the news and judge how this area has shaped the world we live in.</i>
Life Skills	<i>Learners continue to explore their understanding of safe and positive relationships. They learn about the importance of consent and contraception and appreciate the dangers and long-term impacts of sexually transmitted diseases and pornography. Learners move on to learn the basics of First Aid before re-capping the skills learned in middle school, in preparation for high school transition.</i>
Music	<i>Pupils learn song-writing. They study song form, common features and composition techniques before writing, performing and recording their own composition.</i>
PE	<i>Pupils participate in a range of athletics activities including sprinting, long distance running, hurdles, jumping and throwing. Through cricket, ultimate Frisbee and rounders, they use a range of tactics and strategies to overcome opponents in direct competition.</i>
RE	<i>Learners explore a range of definitions of 'spiritual' and 'spirituality'. They investigate and explain how and why music and art are important ways of expressing the spiritual across five world religions</i>