

<p><b>ENGLISH</b></p>	<p>In Year Nine, students will lay the foundations for the skills that they will require at GCSE - making important transitions whilst enjoying a range of literature from the 17th Century all the way to the 21st. They will also study a range of non-fiction texts as well as using their knowledge of writers' techniques in their own original writing, considering the purpose and audience for which it is intended. In the first term, students will study prose fiction from the 20th Century. Through the study of a novel, students will consolidate and enhance their ability to read with fluency and with good understanding. They will learn to read and evaluate texts critically, exploring the writer's use of language and how the text reflects the time in which it was produced. Students will also use the knowledge gained from reading to improve their own creative writing. In the second half of the term, Year Nine will explore non-fiction writing and use it as a basis to produce their own carefully crafted texts.</p>
<p><b>MATHEMATICS</b></p>	<p>At the start of Year Nine, students will study the following units of work:</p> <ul style="list-style-type: none"> <li>• Straight line graphs</li> <li>• Forming and solving equations</li> <li>• Testing conjectures</li> <li>• Three – dimensional shapes</li> <li>• Constructions and congruency</li> </ul> <p>Greater detail about the content of the unit, keywords and individual objectives can be found on the maths curriculum page of the school website in the knowledge organisers section.</p>
<p><b>SCIENCE</b></p>	<p>Students will study a transition module, bridging the gap between key stage 3 science and GCSE science.</p> <p>The lessons will focus on working scientifically and will aim to develop their practical skills, including how to record, represent and interpret results and scientific data.</p> <p>Then, throughout the year, students will have their biology, chemistry and physics lessons on a rotation.</p> <p><b>Biology:</b> students will study cells and microscopes; enzymes; growth and mitosis and the nervous system, including studying the main functions of the brain.</p> <p><b>Chemistry:</b> students will study the structure of the atom and learn about the arrangement of elements in the periodic table.</p> <p><b>Physics:</b> students will study conservation of energy which will include carrying out a project about the different energy resources. They will also study waves, including how the ear works and hearing.</p> <p>In addition to the above, students will carry out a selection of core practicals which will be recorded in their lab books. These practicals will develop key scientific skills including scientific thinking, experimental skills and analysis/evaluation techniques.</p>



## AUTUMN TERM 2022 - YEAR NINE

<b>PHYSICAL EDUCATION</b>	<p>Students will participate in a variety of games, focusing on skill development, advanced tactics and officiating. Students will improve the quality and range of their skills. In all games activities, students will think about how to use skills, strategies and tactics to outwit an opponent. Students will have the opportunity to experience new sports such as table tennis in order to challenge themselves. They will also follow a fitness programme and will begin to reflect on the benefits that fitness gives to them as an individual and the implications for their health and well-being.</p>
<b>FRENCH</b>	<p>In Year Nine students will start to explore aspects of the theme of “Identity and Culture”, building on previously-learned vocabulary and grammar to talk about their personality, interests and childhood, and relationships with family and friends. In more detailed discussion areas, such as “what makes a good friend?” and “what were you like as a child?”, there will be an emphasis on combining three tenses in their work, working towards the skills required at GCSE level. In the second part of the term, students will discover how to discuss their preferences in music, film and television in French, followed by a study of mobile technology and social media, including an examination of the dangers of the internet.</p>
<b>RELIGION, PHILOSOPHY AND ETHICS</b>	<p>In the first half-term, students will investigate the ways in which the experiences and teachings of the Buddha have meaning for people today and what it means to be a British Buddhist in a society that is becoming more and more secular. Students will investigate how ‘Engaged Buddhism’ promotes peace and justice through a case study of Thich Nhat Hanh and his role in the Vietnam War and beyond.</p> <p>In the second half-term, students will explore how people from a variety of religious and non-religious worldviews solve moral and ethical dilemmas. Students will explore their own views on some of the moral and ethical concerns of the modern world, such as the use of driverless cars, development of Artificial Intelligence, and genetic engineering.</p>
<b>GEOGRAPHY</b>	<p>Students will begin by exploring the wonders of the Earth’s natural resources by studying the importance of rocks, the future of oil and global water insecurity. This topic will see the students investigating their local area using their enquiry skills. They will then journey to the Middle East to investigate the physical geography and geopolitics of this region. Students will reuse and build on their geographical skills and revisit old and new geographical concepts to connect and build on the geography they are studying.</p>
<b>HISTORY</b>	<p>Students will complete their investigation into World War One before focusing, in-depth, on a World War Two-era Big Question – ‘<i>What did total war involve?</i>’ They will then investigate Britain in the later twentieth century and beyond. The unit is comprised of questions based on the extent to which (amongst other issues) society, education, healthcare and warfare have changed in the post-war world. Fine-tuning of the skills of chronology, interpreting and evaluating sources and cause and consequence will take place, as we build further on the skills required at GCSE level.</p>



## AUTUMN TERM 2022 - YEAR NINE

<b>ART</b>	<p>Art and design in Year Nine aims to build on the blend of technical skills and experimental skills students have been developing throughout key stage 3. Students complete a project titled 'Printed Landscapes' this term. They will be learning about how landscapes are composed of background, midground and foreground. They will then be practising their skills in lino printing in order to produce a final print.</p>
<b>COMPUTING</b>	<p>Computer science covers a wide variety of theoretical and practical topics. Areas covered include computations thinking, algorithms in mathematics, pseudo-code, Boolean and logic gates, object orientated programming, binary and hexadecimal, storage and compression, validation and verification, trees and Huffman coding, hardware, software, networking as well as social engineering, cyber security, ethics, the law and the environment. There is a vast array of computing knowledge required but this year will form a good basis for the in-depth learning in these areas required in key stage 4.</p>
<b>COOKING AND NUTRITION</b>	<p>In Year Nine students will look at food on a budget, adapting recipes for themselves and others. Students will cook 90% savoury dishes.</p>
<b>DESIGN TECHNOLOGY</b>	<p>Students will look at a range of famous art and design movements in order to incorporate them into a simple, yet sophisticated design portfolio. Students will develop both their technical vocabulary and their skills-based knowledge. The material focus in this project will be metals and woods as they design and manufacture a CAD/CAM mould in preparation for the pewter casting process. A greater emphasis will be placed on independent learning skills both with regards to lesson time and home learning tasks.</p>
<b>DRAMA</b>	<p>Students will start this term exploring techniques for devising theatre. In a series of workshop-type lessons, pupils will be taught what devising is, and more importantly how to do it. Students will finish this topic by responding to a stimulus and developing performance using the knowledge and tools gained. Students will be working in small groups and will have the opportunity to fulfil a number of job roles, including performer. As part of this unit of study, students must complete a portfolio that answers the following questions:</p> <ul style="list-style-type: none"> <li>• What was your initial response to the stimuli and what were the intentions of the piece?</li> <li>• What work did your group do in order to explore the stimuli and start to create ideas for performance?</li> <li>• What were some of the significant moments during the development process and when rehearsing and refining your work?</li> <li>• How did you consider genre, structure, character, form, style, and language throughout the process?</li> <li>• How effective was your contribution to the final performance?</li> <li>• Were you successful in what you set out to achieve?</li> </ul>



## AUTUMN TERM 2022 - YEAR NINE

<b>LIFE SKILLS</b>	<p>In the first topic, 'Health and Wellbeing', students will explore healthy/unhealthy relationships, how to recognise different types of behaviour and effective communication strategies. A look at gang culture and drug/alcohol abuse will help students understand positive norms.</p> <p>During the second half term, within the statutory Relationships topic, students will explore different types of families and parenting, and how to maintain positive relationships in the home. They will discuss the importance of reducing homelessness in young people and the risks of running away from home, as well as how to resolve conflicts in different contexts, at home and school. They will be guided about how to access support services and how to manage relationship and family changes, including relationship breakdown, separation and divorce.</p> <p>Useful resources to support this term's topics include BBC Bitesize, the Unifrog careers platform, Family Lives (<a href="https://www.familylives.org.uk/advice/teenagers/behaviour/gangs/">https://www.familylives.org.uk/advice/teenagers/behaviour/gangs/</a>), NSPCC and Young Minds.</p>
<b>MUSIC</b>	<p>During the first half of the term, students will be looking at the role of a DJ and learning about the origins and cultural context of the performance art. They will develop their understanding of how a song is structured and will attempt some basic beatmatching and mixing techniques. During the second half of the term, students will study music for video games and how minimalist techniques can be used to compose music for game soundtracks.</p>