
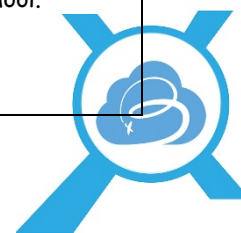


<p><b>Year 10 Overview of Learning Pupils from Sapphire, Quartz &amp; Amethyst Bases</b></p>	<p>This term we are learning about <b>"How do others influence us?"</b></p>	<p>Our Change Maker principle, this term is <b>'Brave'</b></p>	
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English - GCSE or Entry Level	Maths - GCSE or Entry Level	Science - GCSE or Entry Level	iMedia Cambridge Nationals or Performing Arts BTEC	PSHE/RSE & Personal Development
<p><b>Year 10 GCSE Pathway 3</b></p> <p>In Year 10, young people on the English GCSE flight pathway three will focus on the EDUQAS English Literature and English Language curriculum. This is ahead of their Year 10 English Language examination in July 2024 and their Y11 English Literature examination in July 2025.</p> <p>This term, they will spend three weeks on the Language Examination content, focusing on Component 1, Section A; Reading 20th Century Prose fiction, where they will focus on a range of skills; picking out the nuances of language, commenting on structure and expanding on the context of words. Young people will then spend the rest of the term focused on English Literature, Component 1, Section A, where they will continue their study of Shakespeare's 'Macbeth.' As part of this, they will develop their analytical skills</p>	<p><b>Year 10 GCSE Pathway 3</b></p> <p>During this half term the young people will be looking at proportional reasoning focusing on Ratio and Scale. This unit focusses initially on the meaning of ratio and the various models that can be used to representing and moves onto using ratio and completing calculations involving ratio.</p> <p>This includes simplifying ratio, using scale factors and dividing quantities according to Ratio.</p> <p>The young people will also be revisiting working with fractions including adding, subtracting, multiplying and dividing which will build on the introduction to these covered in previous years.</p> <p><b>Year 10 Entry Level Pathway 2</b></p> <p>During this half term the young people will be looking at place value of numbers up to 100 and 1000, this will include being able</p>	<p><b>Year 10 GCSE Pathway 3</b></p> <p><b>Biology</b></p> <p>This topic aims to give students an overview of cells: the basic building blocks which make up all living things. Young people will explore the differences between eukaryotic and prokaryotic cells, plant and animal cells and the functions of the organelles within them. We will be safely using a microscope to study and draw cells and use the magnification equation to calculate actual cell size. There will be an SMSC based discussion where we study the purpose of stem cells and discuss and evaluate the ethical issues related to their use. We will study the stages of mitosis for cell division and learn about diffusion and osmosis in terms of the movement of substances in and out of cells. Students will work scientifically to identify variables, evaluate risk, draw conclusions and interpret data during practical investigations.</p>	<p><b>Year 10 iMedia Cambridge Nationals (GCSE equivalent qualification)</b></p> <p>Students will begin their work towards the Cambridge National Creative iMedia qualification.</p> <p>They will do a combination of preparation work for the exam and will start the coursework tasks once the exam board has released the materials.</p> <p>The learning is all centered around understanding how products are designed and created in the creative media industry and students will get the opportunity to make their own media products through the coursework.</p> <p><b>Year 10 Performing Arts BTEC (GCSE equivalent qualification)</b></p> <p>Students will be starting Unit 1 (Performance) where they will complete mock write-ups about a</p>	<p><b>PSHE/RSE Skills</b></p> <p>Students will be tackling the issues around mental health and asking why there is still a stigma associated with asking for help.</p> <p>We will consider the impact of stress, eating disorders and anxiety on the individual, as well as the discussing effective coping methods and unhealthy coping methods, such as substance abuse, self-harming and suicide.</p> <p><b>Personal Development</b></p> <p>Young people will use their Personal Development sessions to look at their EHCP targets and focus on Life and Community skills.</p> <p>There will be a focus on vital independence skills for life in the wider world beyond school.</p>



<p>focusing on dramatic structure, presentation of characters and themes and key language features in Macbeth.</p> <p><b>Year 10 Entry Level Pathway 2</b></p> <p>Young people will take part in various speaking activities, such as group discussions and presentations. They will learn about strategies for reading comprehension, such as skimming, scanning, and inference.</p> <p>Students will practice answering comprehension questions and the importance of understanding the main ideas and supporting details. They will be introduced to the format and structure of formal and informal letters, learning how to write a formal letter, focusing on appropriate language and tone. Young people will practice writing both formal and informal letters, addressing different scenarios. They will review essential grammar rules, including tenses and punctuation. Students will engage in interactive exercises and opportunities to apply their understanding of grammar concepts.</p> <p>Students will be taught the structure and language features of reports and reviews. They will complete tasks that require young people to write their own reports and reviews, providing</p>	<p>to identify the place value of the larger numbers and using this knowledge to partition numbers. This will move onto comparing and ordering numbers and patterns.</p> <p>We will also look at odd and even numbers and counting on in steps of different sizes.</p> <p>Towards the end of term, students will work to identify 2D shapes.</p>	<p><b>Required practical:</b></p> <ul style="list-style-type: none"> <li>-Use a light microscope to observe, draw and label a selection of plant and animal cells.</li> <li>-Investigate the effect of antiseptics or antibiotics on bacterial growth using agar plates and measuring zones of inhibition.</li> <li>-Investigate the effect of a range of concentrations of salt or sugar solutions on the mass of plant tissue.</li> </ul> <p><b>Year 10 Entry Level Pathway 2</b></p> <p><i><b>What is the body made of?</b></i></p> <p>Students will explore animal cell structure, the function of the nucleus, cytoplasm and cell membrane and how cells specialise to become specific cells with specific functions. They will build on this to look at the hierarchy of organisation within the body and look at the functions of the main organ systems, the circulatory system including the different types of blood cell and the digestive system including enzymes. How the body works We will be looking at respiration, including the respiration equation and gas exchange in the lungs. Students will explore lifestyle and health, including how diet and exercise are linked to obesity, smoking to cancer, exercise to</p>	<p>chosen song which they intend to perform as part of a mock.</p> <p>Students will be also be exploring Unit 2 musical styles where they will explore compositional elements and styles on GarageBand.</p>	
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<p>feedback on content, organization, and language use.</p> <p>Students will be introduced to strategies for expanding vocabulary, such as word families, synonyms, and antonyms. Explore context clues and strategies for deducing word meanings. Engage in vocabulary-building activities, such as word games, puzzles, and contextualized exercises. Review common spelling rules and strategies for spelling improvement.</p>		<p>fitness and alcohol to the liver and brain. They will work scientifically to investigate the effect of exercise on pulse rate, collecting accurate data and presenting it graphically.</p>		
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History - Year 10 GCSE	BTEC Home Cooking Skills - Year 10	Physical Education & Religious Education	Careers & Study Skills	Duke of Edinburgh Silver Award
<p>Students will begin GCSE History through Edexcel. Unit One - Medicine in Britain, c1250-present and The British sector of the Western Front, 1914-18: injuries, treatment and the trenches.</p> <p>Students will begin by looking at medicine in medieval England (c1250-c1500) considering the ideas about the cause of disease and illness, approaches to prevention and treatment and a case study of the Black Death, 1348-49. From there students will move onto looking at The Medical Renaissance in England (c1500-c1700) and consider the changes and continuity in the approaches to medicine and medical knowledge.</p>	<p>Students will explore Unit 2 and Unit 4 of the BTEC Home Cooking qualification, specifically exploring skills such as: basic cooking skills, basic food hygiene, basic kitchen safety, the Eatwell guide and dietary needs.</p> <p>Students will cook and produce a range of dishes and demonstrate their knowledge of creating a successful product.</p>	<p><b>Physical Education</b></p> <p>Young people will be taught skills that build on from previous key stages to become more competent, confident to apply them to net and wall games. They will be taught a range of tactics and strategies to overcome opponents in direct competition in badminton. They will begin to analyse and evaluate their performances compared to previous ones and demonstrate improvement to achieve their personal best.</p> <p><b>Religious Education</b></p> <p>'Saying I do'. During RE this half term we will be focussing on how different religions and faiths celebrate marriage.</p>	<p><b>Careers</b></p> <p>Students will start to consider their longer-term futures. We will begin by discussing the students interests and skill set and from there start to consider possible employment sections and jobs they may find interesting.</p> <p>A long side our independent careers' advisor, students will start to map out the training and qualifications they may need to for the career path they want.</p>	<p>This half term Bronze and Silver will be very similar in terms of introductions to each award so could have the same write up under Duke of Edinburgh as a general.</p> <p>Young people will spend this half term being introduced to the land of Bronze/Silver DofE. They will begin to explore the 4 sections required which are new skill, volunteering, physical and expedition. It will be filled with lots of fun and laughter alongside building independence and essential skills for life and work.</p>

<p>The start of the Royal Society, the work of William Harvey and Vesalius, and a case study on the Great Plague in London (1665)</p>			<p><b>Study Skills</b></p> <p>In Study Skills, young people will learn key techniques for revising, such as how to take notes and techniques for aiding long term memory commitment.</p> <p>They will also have the opportunity to revise and consolidate learning for all subjects in this time.</p>	<p>They will set themselves personal challenges to push them outside their comfort zone to explore the unknown. Alongside all of this we aim for young people to begin making new friends, improve their self-esteem and build confidence.</p>
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