
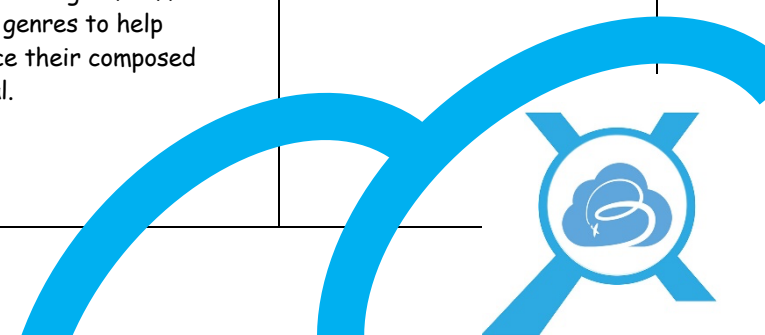
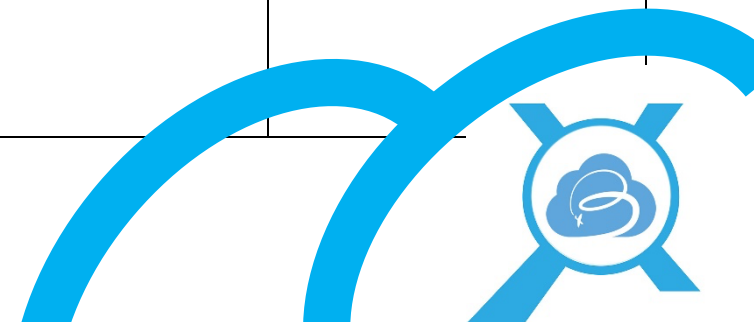


<p>Year 10 Overview of Learning Pupils from Sapphire, Quartz & Amethyst Bases</p> <p>This term we are learning about "How does it work?"</p>	<p>How does it work?</p>	<p>Our Change Maker principle, this term is 'Positive'</p> 
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English - GCSE or Entry Level	Maths - GCSE or Entry Level	Science - GCSE or Entry Level	iMedia Cambridge Nationals or Performing Arts BTEC	PSHE/RSE & Personal Development
<p>Year 10 GCSE Pathway 3 This term, young people on the English GCSE Flight Path Three will continue to focus on the EDUQAS English Literature and English Language curriculum. This is ahead of their Year 10 English Language examination in July 2023 and their Y11 English Literature examination in July 2024. This term, they will spend three weeks on the English Literature content, focusing on Shakespeare's 'Macbeth.' As part of this, they will develop their analytical skills focusing on dramatic structure, presentation of characters and themes and key language features in Macbeth. They will then move onto revisiting Stephenson's 'Dr Jekyll and Mr. Hyde' recapping and summarising the novel then moving onto analysing the authorial intent behind the language choices made.</p> <p>Y10 Entry Level Pathway 2 The Entry Level English component of this term will look at these key skills:</p>	<p>Year 10 GCSE Pathway 3 This term Students revisit and extend their knowledge of forming and solving linear equations and inequalities. Students also explore rearranging formulae seeing how this links to solving equations and reinforcing their understanding of the difference between equations, formulae, identities and expressions.</p> <p>Students will look at representing equations and inequalities both graphically and on numbers lines. Finally, we will aim to look at using graphs to solve equations.</p> <p>Y10 Entry Level Pathway 2 During this half term the young people will be looking at number operations to solve problems with one and two digit numbers. This includes</p>	<p>Year 10 GCSE Pathway 3 This topic aims to give students an overview of body organisation in terms of hierarchy (cells - tissues - organs - organ systems) and an understanding of the main organ systems of the human body. We will be delving deeper into digestion and how the digestive system and its enzymes make digestion and absorption efficient, blood and the circulatory system and plant leaf tissue. Students will be completing the following practical activities as part of their learning:</p> <ul style="list-style-type: none"> •Observation of plant cells under a microscope and recording of their observations •Use of qualitative reagents to test for a range of carbohydrates, lipids and proteins. •Investigate the effect of pH on the rate of reaction of amylase enzyme. Students will work scientifically to identify variables, evaluate risk, draw conclusions and interpret data. 	<p>Year 10 iMedia Cambridge Nationals (GCSE equivalent qualification)</p> <p>Students will start to work on their first piece of coursework for R094 "Visual Identity & Digital Graphics". This involves the students designing and creating a graphics for use as a game loading screen.</p> <p>Year 10 Performing Arts BTEC (GCSE equivalent qualification)</p> <p>Students will begin to explore their Unit 2 component in which they will be composing their own music. They will use their knowledge of different musical genres to help influence their composed material.</p>	<p>PSHE/RSE This half term students will focus on the meaning and effect of sexism in Britain society and the impact of harassment and grooming.</p> <p>Students will also look at the meaning of Human Rights, countries with a poor human rights record and issues such as human trafficking and child exploitation.</p>



<p>Engaging young people in various speaking activities, such as group discussions and presentations, to develop their communication skills.</p> <p>Understanding strategies for reading comprehension, such as skimming, scanning, and inference.</p> <p>Accessing texts of varying difficulty levels and guide young people through analysing and extracting information.</p> <p>Practice answering comprehension questions and emphasize the importance of understanding the main ideas and supporting details.</p> <p>The format and structure of formal and informal letters and writing a formal letter with appropriate language and tone.</p>	<p>the use of addition, subtraction, division and multiplication.</p> <p>We will develop our skills for using money and measurements through the use of number as well as topics around shapes and fractions and decimals.</p> <p>Students will also continue to recap and consolidate their knowledge from previous learning throughout the half term.</p>	<p>Year 10 Entry Level Pathway 2</p> <p>Students will explore communicable diseases caused by pathogens (bacteria and viruses), and how they make us feel ill by releasing toxins and causing cell damage. We will be looking at the role of white blood cells, antibody production and phagocytosis in fighting disease and vaccinations - what they contain and how they work. We will be delving into how drugs are developed to prevent illness and disease, the use of antibiotics and the issue of drug dependence and withdrawal. Students will be working scientifically to complete a practical assessment around investigating the effects of different disinfectants on bacteria, collecting accurate data and drawing conclusions from their results.</p> <p>We will be looking into autonomic control systems - nervous responses or chemical responses coordinated by hormones. We will explore reflex actions including the response of the pupil to bright light and the knee jerk reaction as our bodies response to keep us safe. Students will work scientifically to complete a practical assessment around comparing the speed of the catching reflex of 2 people, collecting results and presenting them as a graph. We will be taking a look at hormonal responses including the menstrual cycle, the use of hormones in controlling fertility and evaluation of the benefits and risks of hormones to control fertility.</p>	<p>Students will also continue working on their written coursework, exploring their responses to a musical brief and gathering their ideas to be able to comment on their decisions made when deciding their musical genre.</p>	<p>Personal Development</p> <p>Students will be looking at different types of bank accounts, including how debit and credit cards work.</p> <p>They will be planning a shopping trip to 'The Frenchgate centre'. Using public transport, managing a budget and then putting theory into practice.</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>The terms students will continue with the Medicine in Britain unit of their GCSE. This term we will be focusing on c1700-c1900. We will look at continuity and change in the explanations of the cause of disease and illness and the influence of the work of Pasteur and Koch, the extent of change in care and treatment and the work of Nightingale, as well as key individual discoveries such as Jenner and the development of vaccination and Snow's fight against Cholera in London.</p> <p>From here we will look at the advances in medicine from 1900 to the present today through the influence of genetics and improvements in understanding DNA, the work of Fleming, Florey and Chain in developing penicillin, as well as the impact of the NHS</p>	<p>Students will continue working towards their Unit 2 component, exploring food quality during different seasons, food provenance and local produce.</p> <p>They will make some links with Bader's Little Farm as well as preparing a variety of dishes in order to prepare their Unit 4 Component (Preparing and making a two course meal). Students have begun to recognise dishes which they have found easy as well as those that they have enjoyed and have already improved their culinary skills.</p> <p>Students will continue to complete coursework, implementing their knowledge of food hygiene, food storage and safe food preparation when preparing their dishes.</p> <p>They will develop skills such as; boiling, frying, kneading and simmering as well as continuing their ability to prepare and chop fruit and vegetables.</p>	<p>Physical Education Young people will be performing dances using a variety of techniques within a range of dance styles and forms. They will analyse their performances compared to previous ones to demonstrate improvement to achieve their personal best. Young people will have the opportunity to create their own dances as well as learn and remember taught movements. This may be independently, with a partner or as part of a group. They will also learn new key terminology linked to dance.</p> <p>Religious Education This half term young people will be looking at the difference and similarities between birthing rituals in different faiths and cultures.</p>	<p>Careers Students will continue 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. They will visit different colleges and post 16 provisions to develop their understanding of what is available to them in the future.</p> <p>Study Skills 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>Young people will spend this half term focused on the Physical section.</p> <p>They will begin to explore this by completing a variety of activities. It will continue to be filled with lots of fun and laughter alongside building independence, developing fitness and so much more!</p> <p>They will set themselves personal challenges to push them outside their comfort zone to explore the unknown.</p> <p>Alongside all of this we continue to support young people to develop friendships, improve their self-esteem and build confidence.</p>

