

Year 10  
Overview of  
Learning

This term we are learning  
about  
"What's around the corner?"



Our Change Maker principle, this  
term is 'Positivity'



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>English GCSE</b></p> <p>This term, Year 10 young people will focus on key elements of their GCSE English studies, balancing their exploration of literature with the development of creative writing skills. The term will be divided into three main areas:</p> <p><b>Macbeth:</b> Young people will deepen their understanding of Shakespeare's <i>Macbeth</i>, focusing on key themes such as ambition, power, and guilt. They will explore how Shakespeare develops characters and ideas through language, structure, and dramatic techniques. This will include analytical writing practice, honing their ability to construct well-supported</p>	<p>Entry Level Maths students will learn about:</p> <p>Multiplication and division</p> <p>Step 1 Multiples of 3</p> <p>Step 2 Multiply and divide by 6</p> <p>Step 3 6 times-table and division facts</p> <p>Step 4 Multiply and divide by 9</p> <p>Step 5 9 times-table and division facts</p> <p>Step 6 The 3, 6 and 9 times-tables</p> <p>Step 7 Multiply and divide by 7</p> <p>Step 8 7 times-table and division facts</p> <p>Step 9 11 times-table and division facts</p>	<p><b>Science ELC</b></p> <p>This half term we will be continuing the module The Human Body - How the body works.</p> <p>We will be looking at respiration as a chemical reaction occurring in the human body including writing word equations for the reaction. We will be exploring health and fitness and the different factors that can affect it, such as smoking, diet, exercise and illness. Learners will be investigating and comparing the fitness of different members of the group and presenting results as a graph and drawing conclusions.</p> <p>Learners will also be using their practical skills to</p>	<p><u>Performing Arts BTEC</u></p> <p>Students will continue to work in the 3 strands of this qualification:</p> <ol style="list-style-type: none"> <li>1) Researching, practising and performing a song of their choice</li> <li>2) Composing a song, or selection of songs of their choice</li> <li>3) Organising a concert including the advertising and running of it.</li> </ol> <p><u>Computer Science</u></p> <p>Students will learn about the fundamentals of networking. They will learn about:</p> <ul style="list-style-type: none"> <li>• Local and Wide Area Networks</li> <li>• How the internet works</li> <li>• Network topologies</li> </ul>	<p>This half term pupils will learn about financial decision making, The impact of financial decisions, debt, gambling and the impact of advertising on financial choices:</p> <ol style="list-style-type: none"> <li>1. how to effectively budget and evaluate savings options</li> <li>2, how to prevent and manage debt, including understanding credit rating and pay day lending</li> <li>3, how data is generated, collected and shared, and the influence of targeted advertising</li> <li>4, how thinking errors, e.g. gambler's fallacy, can increase susceptibility to gambling strategies for managing influences related to gambling, including online</li> </ol>

<p>essays using evidence and critical interpretation.</p> <p><b>Creative Writing:</b> As part of the English Language GCSE, young people will develop their creative writing skills. They will practise crafting descriptive and narrative pieces, focusing on effective use of language, sentence variety, and structure to engage and inspire readers. Lessons will provide opportunities for them to experiment with their own voice and style, while refining essential skills such as planning, editing, and proofreading.</p> <p><b>Introduction to <i>Blood Brothers</i></b> The term will also introduce young people to Willy Russell's play <i>Blood Brothers</i>. They will begin to explore the play's context, themes, and characters, setting the foundation for deeper study in the future. This introduction will encourage them to consider the play's social and historical relevance and start thinking critically about the</p>	<p>Multiplying a whole number by 10 and 100          Divide a whole number by 10          Divide a whole number by 100          Step 10 12 times-table and division facts          Step 11 Multiply by 1 and 0</p> <p>Step 12 Divide a number by 1 and itself          Step 13 Multiply three numbers</p> <p><b><u>Group A Functional Skills - Level 1</u></b></p> <p>Week 1          Using numbers and the number system - whole numbers</p> <p>Week 2 and 3          Using numbers and the number system - whole numbers</p>	<p>investigate the amount of energy contained within different types of food. They will use their knowledge and understanding of energy and calories to make predictions and draw conclusions based on their findings</p> <p><b>GCSE Biology</b></p> <p>This half term we begin our study of the Organisation topic.</p> <p>Learners will explore the hierarchy of organisation from cells to organ systems, looking more deeply into the digestive system and the circulatory system.</p> <p>Students will practically investigate the effect of pH on amylase action, presenting their results as a graph, drawing conclusions and applying their knowledge and understanding to explaining the results.</p> <p>We will also be delving into plant tissues and organs, identifying how leaves are adapted for photosynthesis and how substances are transported around plants.</p>	<ul style="list-style-type: none"> <li>• Network vulnerabilities</li> </ul> <p><b><u>Creative iMedia</u></b></p> <p>Students will complete their first piece of coursework and then make a start on their second and final piece; an interactive multimedia presentation. These two pieces of coursework will account for 60% of the qualification</p>	<p>5, about the relationship between gambling and debt</p> <p><b><u>Personal Development</u></b></p> <p>We are planning exciting trips offering enriching experiences that combine fun and learning. Additionally, we are hosting a School Sleepover, which promises to be a fun and memorable experience for all involved.</p> <p>During Parliament Week, our Pupil Parliament members will have the unique opportunity to connect with MPs and members of the House of Lords, learning first-hand about democracy and government processes.</p> <p>Special events</p> <p>Remembrance Day          Air Ambulance Assembly          Visual Impairment Awareness Workshop</p>
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relationships and issues presented.		Throughout the topic young people will be practicing exam style questions on their learning.		
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<b>History - GCSE</b>	<b>BTEC Home Cooking Skills</b>	<b>Physical Education</b>	<b>Careers</b>	<b>Sports Studies</b>
<p>This half term students will finish the main section of the Medicine through time unit with lessons on Magic Bullets, the development of modern medical technologies such as CT scans, MRIs and ECG machines. As well as a case study on lung cancer and the intervention of the government to limit smoking.</p> <p>From here students will cover the addition case study section looking at medicine in the trenches of the Western Front in World War One. This will cover the structure of the trench network, the chain of evacuation for wounded soldiers, the different injuries and advancement of new treatments, such as the use of mobile x-ray machines, blood transfusion, brain surgeries and facial reconstructions</p>	<p>Throughout this half term, students will continue to develop their skills whilst preparing a range of different recipes.</p> <p>They will start the half term with a recap of the 4C's - cleaning, cooking, chilling and cross-contamination. Students will be encouraged to become more independent when following these food hygiene standards.</p> <p>Students will have the opportunity to create several different dishes including Teriyaki Chicken and Pasta Bake.</p> <p>Practical lessons will give pupils the chance to show their progression of skills: chopping, peeling, slicing, boiling and frying.</p>	<p>In this football program, pupils will master advanced dribbling techniques to evade defenders and develop the ability to shoot powerfully and accurately from various distances. They will also refine their defensive skills to prevent goals and improve their passing to maintain possession and create scoring chances. Emphasis will be placed on teamwork, with students learning to collaborate on effective strategies and formations. Additionally, they will analyse game situations and adapt their strategies to counter opponents' tactics, enhancing their overall football intelligence and performance in competitive play.</p>	<p>Pupils will begin the term by identifying jobs and roles that they are interested and align with their own personal interests and hobbies. This will then be linked with research into the Labour Market Information provided by the local authority and understanding how pupils can map out career paths.</p>	<p>During the next term in Sports Studies sessions, pupils will learn about Performance enhancing drugs and their impact on the sport. They will also learn about different kind of sporting events and how these events are made, managed and the impact on sports and cities by having their own sporting events. Pupils will delve into the hosting of a sporting event, looking at impacts they have, good and bad. Pupils will gain knowledge and information about these topics and then get the chance to put this into exam style question format, in their exam booklets, giving them a chance to implement their new found knowledge in the style of an exam.</p>