

<p>Year 10 Overview of Learning</p> <p>This term we are learning about "How do we leave a legacy?"</p>		<p>Our Change Maker principle, this term is 'Bravery'</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><u>Y10 English GCSE</u></p> <p>This term, Year 10 young people will start their English Language and Literature course with a focus on Shakespeare's <i>Macbeth</i>. They'll look into the play's historical context from the early 17th century and explore its story about ambition and its consequences. As they analyse Shakespeare's language and the play's themes, they'll build important skills in critical thinking and analysis. they'll also work on building their essay writing skills using the PEEZLE method (Point, Evidence, Explanation, Zoom in, Link, and Evaluation).</p> <p><u>Entry Level:</u> In Entry Level 2 and 3 English, learners focus on developing their reading,</p>	<p><u>Group A Functional Skills L2</u></p> <p>Students will start their new Functional Skills Level 2 Course. Students will be covering the first 3 modules which include working with numbers of any size. Students will be ensuring that they are able to read, write, order and compare numbers including across zero. Students will learn about check calculations and estimating to help with problem solving. Students will finish this term by learning how to evaluate expressions along with substituting into formulae involving words and symbols.</p> <p><u>Entry Level:</u> This term, our Entry Level Maths group will be focusing</p>	<p><u>GCSE Biology</u></p> <p><u>Cell Biology</u></p> <p>This topic aims to give students an overview of cells: the basic building blocks which make up all living things.</p> <p>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</p>	<p><u>iMedia Cambridge Nationals</u></p> <p>Students will continue to produce their first piece of controlled assessment for the Creative iMedia course. They will learn how to design, create and edit a range of graphical assets to produce a design for a luxury chocolate brand.</p> <p>Along the way they will learn industry standard techniques for design and use advanced software</p> <p>Students following the GCSE Computing course will focus on the theory content for Paper 1, learning about different methods of data representation including binary and hexadecimal number systems, converting between these and adding numbers in these systems.</p>	<p>The students will be learning about Mental health including topics such as Mental health and ill health, stigma, safeguarding health, including during periods of transition or change. This will allow the students to dive into: how to manage challenges during adolescence, how to reframe negative thinking, strategies to promote mental health and emotional wellbeing, and about the signs of emotional or mental ill-health. They will also address topics such as how to access support and treatment, about the portrayal of mental health in the media and how to challenge stigma, stereotypes and misinformation.</p>

<p>writing, speaking, and listening skills. The objectives include understanding simpler texts, writing basic sentences, and engaging in everyday conversations, helping students build confidence and practical communication abilities for real-life situations.</p>	<p>on two key areas: multiplication and measurement. Our aim is to build confidence and a practical understanding of these essential mathematical concepts.</p> <p>In multiplication, students will work on mastering basic multiplication facts and understanding how multiplication relates to repeated addition. We will help them apply these skills in real-life situations, such as working with money, calculating totals, and solving word problems. Our goal is to ensure that every student approaches multiplication tasks with confidence and accuracy.</p> <p>In measurement, students will learn to measure length, weight, and capacity using both standard (metric) and everyday units. They will practice using rulers, scales, and measuring jugs, and will learn to estimate and compare measurements. These skills will be reinforced through practical activities, helping students understand how measurement applies to their</p>	<p>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>Required practicals: -Use a light microscope to observe, draw and label a selection of plant and animal cells. -Investigate the effect of antiseptics or antibiotics on bacterial growth using agar plates and measuring zones of inhibition. -Investigate the effect of a range of concentrations of salt or sugar solutions on the mass of plant tissue.</p> <p>Science ELC <u>What is the body made of?</u> 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</p>	<p>They will also begin to consider the social, ethical and environmental impacts of computing</p> <p><u>Performing arts - music</u></p> <p>We will continue to work on the three areas of the BTEC criteria and assessment:</p> <ol style="list-style-type: none"> 1. Compose a piece of music or several pieces which are 3 to 10 minutes long, performed and notated with a development log and recordings 2. Perform, record and evaluate up to 6 minutes of performance either solo or with others 3. Organise and perform in a performance including advertising it, managing the venue and preparing the artists to perform 	
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	daily lives, such as measuring ingredients for recipes or determining distances.	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.		
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History - GCSE	BTEC Home Cooking Skills	Physical Education	Careers	Sports Studies
<p>This half term students will continue with the Medicine in Britain, c1250-present unit. Students will finish the Renaissance in England topic, covering the work of William Harvey and Thomas Sydenham. From here students will move onto the c1700-c1900: Medicine in eighteenth and nineteenth century Britain. Students will look at continuity and change in explanations of the cause of disease and illness through the influence of Pasteur's Germ Theory and Koch's work on microbes. The extent of change in care and treatment, including improvements to hospital care and the influence of Nightengale and the impact of anaesthetics and antiseptics on</p>	<p>This half term students will continue with the BTEC Home Cooking Skills level 1, units 3 packed lunches, unit 4 soups and unit 5 salads. In practical lessons they will be cooking roasted tomato and garlic soup, grilled cheese sandwich, chicken noodle soup, Greek salad, tuna Nicoise salad, chicken fajitas and a Subway sandwich of their choice. In theory lessons they will be learning about The Eat Well Guild and how to make a packed lunch following The Eat Well Guild. They will continue to learn and practice their cookery skills such as knife safety and use, roasting, blending and frying.</p>	<p>The students will be looking at invasion games specifically around netball and basketball. The students will be challenged with skill development looking at passing techniques and how to achieve accuracy as well as looking at shooting skills and positioning involved with this. The students will also have multiple of performance challenges around applying correct footwork in context, execute defensive strategies and adapt play to suit the various positions within a team. They will also investigate tactical variation through the discipline.</p>	<p>Pupils will be looking into what a growth mindset is and different ways of responding to support and feedback. This will include offering and supporting people in our school community and beyond. This includes development of resilience and recognising challenge and trying new things.</p>	<p>During this half term students will be working through the sports studies booklet, in this we will be covering issues affecting participation in sports, and how to challenge these issues, as well as moving on to learning about sporting values and sporting behaviours.</p>

<p>surgery. This unit also includes case studies on Jenner and smallpox and John Snow and cholera.</p>				
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