

<b>English</b>	<p><b>Novel study – Of Mice and Men by John Steinbeck</b></p> <p>Through the study of the text, learners will explore the historical context of the great depression era in America 1930s. As part of the learning will we focus on our understanding of character, setting, language and structure of the text. This will involve close reading, analysis and written responses to the text. There are a number of themes and issues presented in the novel which will serve as discussion points and opportunities for non-fiction writing akin to the kind of tasks which may appear in functional skills exam papers. Throughout the term, we will work on meeting GCSE assessment objectives alongside those skills needed in Functional Skills.</p>	
<b>Maths</b>	<b>GCSE</b>	
	<b>Geometry</b>	<b>Proportions and Proportional Change</b>
	Angles and Bearings Working with circles Vectors	Probability Ratio and Fractions Percentages and Interest
	<b>Functional</b>	
	<b>Proportion and Ratio</b> – scaling and sharing in a ratio <b>Scale drawing</b> – drawing to scale and actual size <b>Probability</b> – expressing probability in words/figures Problem solving using money	<b>Number</b> Decimals Percentage Applications Data Handling Measures of Average
<b>Science</b>	<b>Preventing, Treating and Curing Disease</b>	<b>Rates of Reaction &amp; Radiation and Risk</b>
	<ul style="list-style-type: none"> <li>• Spread of communicable diseases</li> <li>• Viral Diseases</li> <li>• Bacterial Diseases</li> <li>• Defence against disease</li> <li>• The human immune system</li> <li>• Vaccination</li> <li>• Medicines</li> <li>• Testing new drugs</li> <li>• Genetic engineering</li> <li>• Stem Cells</li> </ul>	<ul style="list-style-type: none"> <li>• What are chemical reactions?</li> <li>• Progress of a reaction</li> <li>• Calculating rate</li> <li>• Effect of temperature</li> <li>• Effect of concentration</li> <li>• Effect of surface area</li> <li>• Collision theory</li> <li>• Activation energy</li> <li>• Bond breaking and bond formation</li> <li>• Catalysts</li> <li>• Enzymes</li> <li>• Reversible reactions</li> <li>• Equilibrium</li> <li>• Energy level of atoms</li> <li>• Radioisotopes</li> <li>• Half life</li> <li>• Radioactivity</li> <li>• The risks of radiation</li> </ul>

<b>Computing</b>	<b>Careers</b>	<b>Cyber security</b>			
	Understand how ICT fits into the world of work	<ul style="list-style-type: none"> <li>• Data protection</li> <li>• Legislation</li> <li>• Digital footprint</li> <li>• Rights and responsibilities</li> </ul>			
	<b>Online safety message</b>				
	<ul style="list-style-type: none"> <li>• Safer Internet day 11/2/25</li> <li>• Too good to be true. Protecting yourself and others from scams online.</li> </ul>				
<b>Options</b>	<b>Component 1 – Internally Set Assignment</b>				
	<b>Art</b>	<p>Learners will need to choose one of the starting points and produce a personal response.</p> <p>They can choose from the following topics:</p> <ol style="list-style-type: none"> <li>1. Spill, drop or break</li> <li>2. Wrap</li> <li>3. Light and Dark</li> <li>4. Detail</li> <li>5. Manipulating Reality</li> <li>6. Glitch</li> <li>7. Photomontage</li> <li>8. Connections</li> </ol> <p>Learners will produce a body of creative work that will begin at researching other artists work to gain inspiration, through to creating their own to initial ideas. At the final stage of the project, they will create their own personal and meaningful response to their chosen theme.</p>			
	<b>Construction</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #add8e6; text-align: center;"><b>Advanced carpentry and assessment</b></td> <td style="background-color: #add8e6; text-align: center;"><b>Internal Decorating</b></td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• Cabinet making</li> <li>• Internal carpentry operations</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>• Masking off, cutting in</li> <li>• Tiling</li> <li>• Repairing wall damage</li> <li>• Wall painting</li> <li>• Wallpapering</li> </ul> </td> </tr> </table>	<b>Advanced carpentry and assessment</b>	<b>Internal Decorating</b>	<ul style="list-style-type: none"> <li>• Cabinet making</li> <li>• Internal carpentry operations</li> </ul>
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<b>Geography</b>	<b>Growing Global Cities</b>	<b>Driving Development</b>
	<ul style="list-style-type: none"> <li>• To describe urbanisation and the factors involved</li> <li>• To discuss how development has changed over time</li> <li>• Focus – Mumbai, where, how has it grown, the patterns in the city and the challenges it faces</li> <li>• Focus – London, where, how has it grown, the patterns in the city and the challenges it faces</li> <li>• Strategies used to reduce inequalities and improves lives</li> <li>• Strategies used to create a sustainable urban place</li> </ul>	<ul style="list-style-type: none"> <li>• Development indicators and what they show or don't show</li> <li>• Drivers of Globalisation</li> <li>• MNCS and NICS</li> <li>• Patterns of trade</li> <li>• Consequences of globalisation in the UK and a LIC</li> </ul>
<b>Hospitality</b>	<b>Working in the Hospitality Industry</b>	
	<p>This unit gives you the opportunity to explore the importance of working as part of a team and the importance of developing your customer service skills within various jobs roles in the hospitality industry.</p> <p>Understanding the importance of customer service and working as an effective team member is an essential requirement for anyone who strives to work in the hospitality sector.</p> <p>You will learn how to develop effect team working skills so you can give excellent customer service when embarking on real live work experience in Discover Tea's coffee shop.</p>	
<b>PSHE</b>	<b>Work Experience</b>	<b>Exploring Influence</b>
	<p>Students will learn;</p> <ul style="list-style-type: none"> <li>• how to evaluate strengths and interests in relation to career development</li> <li>• about opportunities in learning and work</li> <li>• strategies for overcoming challenges or adversity</li> <li>• about responsibilities in the workplace</li> <li>• how to manage practical problems and health and safety</li> <li>• how to maintain a positive personal presence online</li> <li>• how to evaluate and build on the learning from work experience</li> </ul>	<p>Students will learn;</p> <ul style="list-style-type: none"> <li>• about positive and negative role models</li> <li>• how to evaluate the influence of role models and become a positive role model for peers</li> <li>• about the media's impact on perceptions of gang culture</li> <li>• about the impact of drugs and alcohol on individuals, personal safety, families and wider communities</li> <li>• how drugs and alcohol affect decision making</li> <li>• how to keep self and others safe in situations that involve substance use</li> </ul>



		<ul style="list-style-type: none"><li>• how to manage peer influence in increasingly independent scenarios, in relation to substances, gangs and crime</li><li>• exit strategies for pressurised or dangerous situations</li><li>• how to seek help for substance use and addiction</li></ul>
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