

# Year 10: Autumn

Year 10	1 <sup>st</sup> Half Term Autumn	2 <sup>nd</sup> Half Term Autumn
English Language & English Literature  (Dependant on academic route)	<b>English Language</b>	<b>English Language</b>
	<u>Reading and analysing 20<sup>th</sup> century fiction</u> A study of a range of extracts including description, narration and exposition. An opportunity to develop the reading skills needed for GCSE exams and beyond.	<u>Writing prose</u> Following on from the study of fiction texts, learners will have the opportunity to practise planning and writing their own creative prose text from a range of titles. There will be a focus on literacy skills and technical accuracy as well as how to effectively organise writing to engage readers. <u>Study of drama text Blood Brothers</u> As well as reading the script for enjoyment, the learners will be studying characterisation, analysing language and exploring themes and issues which arise in the play.
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Maths	<b>Similarity and Delving into Data</b>	<b>Developing Algebra</b>
	Students will begin the term with basic number work, then congruence, similarity and enlargement and trigonometry. Also Collecting, Representing and Interpreting Data.	Students are able to represent solutions to equations and inequalities and introduction to simultaneous equation.
	<b>Functional skills</b>	
	<ul style="list-style-type: none"> <li>Adding and subtracting integers up to three digits</li> <li>Multiplying 3 digits x 1 digit and 3 digits x 2 digits</li> <li>Negative and Positive Numbers on a number line and also applying to real life situations</li> <li>Rounding – to check a calculation and also to the nearest 10,100,1000</li> </ul>	<ul style="list-style-type: none"> <li>Four operations with Fractions</li> <li>Decimals – Read, write and use decimals up to 2 decimal places</li> <li>Multiplying by 10, 100</li> <li>Percentages – find percentages using multiples of 10%, 25%, 50% and 75%</li> </ul>
Science	<b>Earth's Atmosphere</b>	<b>Atoms into Ions</b>
	<ul style="list-style-type: none"> <li>Earth's Early atmosphere</li> <li>Carbon Cycle</li> <li>Greenhouse effect</li> <li>Human impacts on the climate</li> <li>Effects of climate change</li> <li>Air pollution</li> <li>Purifying water</li> <li>The water cycle</li> <li>Potable water</li> </ul>	<ul style="list-style-type: none"> <li>Reactivity of metals</li> <li>Redox reactions</li> <li>The process of electrolysis</li> <li>Electrolysis of molten ionic compounds</li> <li>Electrolysis of solutions</li> <li>Applications of Electrolysis</li> </ul>

Computing		<b>Digital Future Now</b>	<b>Modelling</b>
		<ul style="list-style-type: none"> <li>Look at emerging trends including AI)</li> <li>Copyright</li> <li>Misuse of computers act</li> </ul>	<ul style="list-style-type: none"> <li>Spreadsheets</li> <li>Data capture</li> <li>Surveys</li> </ul>
		<b>Online Safety message</b>  Online bullying activity to coincide with anti-bullying week	
Options	Art	<b>Nature</b>  Students will be carrying out a range of research tasks and looking into the world of nature art, producing work with water colour, acrylics and sketching materials	
	Construction	<b>Introduction to Carpentry</b> In this unit students will learn how to plan, draw, mark and cut various carpentry joints.  Students sit independent practical assessment using written brief and skills learnt over the term. Theory workbook includes sustainability, isometric drawings, tool and material knowledge, use of appropriate personal protective equipment.	<b>Introduction to Plumbing</b> In this unit students will learn about safe working practices and how to perform various plumbing operations; soldering, compression, speed fit pipe work. Installing sinks, wastes, taps. Students sit independent practical assessment using written brief and skills learnt over the term.  Theory workbook includes pricing, quoting, knowledge of tools and materials, safe working practices, hazard prevention and risk assessment.
	Graphics	<b>Adobe Illustrator</b>  Students will learn a range of skills using Adobe Illustrator. These will include using the pen tool, shapes tool, experimenting with the colour palette and a range of other tools.  These skills will then be used to create their own character design.	<b>Adobe Photoshop</b>  Students will learn a range of skills using Adobe Photoshop. These will include changing image sizes, using clipping masks, double exposure, cropping images and experimenting with the liquify tool.  These skills will then be used to edit their own images.
	Drama	<b>Acting Skills</b>  This unit is about starting you on your journey to becoming a professional actor. You will be introduced to important acting skills and will learn about the specific demands that acting makes on the body and mind. In particular, you will undertake a programme of regular exercises to help you master the techniques that will enable you to control and use your voice and body to communicate a character or role. As well as physical skills, you will need to use your imagination to create characters or roles. This unit is about building your foundations as an actor; it is not just about performance. As well as undertaking a programme of practical classes to develop your physical and mental acting skills, you will be required to demonstrate progress throughout the unit. Each lesson will involve a practical element and a written element. You will be required to perform your work to a live audience at times throughout the year and reflect on your development.	

	History	<b>Henry VIII and his ministers, 1509-1540</b>	
		<ul style="list-style-type: none"> <li>• What was Henry VIII's strengths, weaknesses and aims when he inherited the throne in 1509?</li> <li>• Who was Thomas Wolsey?</li> <li>• What was Henry and Wolsey's approach to foreign policy?</li> <li>• Why did Wolsey fall from power?</li> <li>• Who was Thomas Cromwell?</li> <li>• What changes did Cromwell make to the King's government and the country's finances?</li> <li>• Explain reasons why Cromwell was executed.</li> </ul>	<ul style="list-style-type: none"> <li>• Describe the reasons why Henry VIII campaigned against the pope.</li> <li>• What was the impact of the break from Rome?</li> <li>• What opposition did Henry VIII face to the Reformation?</li> <li>• Why did the Dissolution of the Monasteries take place?</li> <li>• What was the significance of the Pilgrimage of Grace?</li> </ul>
	Hospitality	<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 effective team working skills so you can give excellent customer service when embarking on real live work experience in Discover Tea's coffee shop.</p>	
	Sport	<b>Leading Sports Activities</b>	
		<p>This unit will give the opportunity for students to apply their knowledge about sports leadership to write a newspaper article.</p> <p>They will also plan and deliver their own desired lesson and be able to write their own reflection.</p>	
	PSHE	<b>Mental Health</b>	<b>Addressing extremism and radicalisation</b>
		<p>Pupils will learn;</p> <ul style="list-style-type: none"> <li>• how to manage challenges during adolescence</li> <li>• how to reframe negative thinking</li> <li>• strategies to promote mental health and emotional wellbeing</li> <li>• about the signs of emotional or mental ill-health</li> <li>• how to access support and treatment</li> <li>• about the portrayal of mental health in the media</li> <li>• how to challenge stigma, stereotypes and misinformation</li> </ul>	<p>Pupils will learn;</p> <ul style="list-style-type: none"> <li>• about communities, inclusion, respect and belonging</li> <li>• about the Equality Act, diversity and values</li> <li>• about how social media may distort, mis-represent or target information in order to influence beliefs and opinions</li> <li>• how to manage conflicting views and misleading information</li> <li>• how to safely challenge discrimination, including online</li> <li>• how to recognise and respond to extremism and radicalisation</li> </ul>

