

Year 11 Half Term 2 Curriculum

Subject	Half Term 2 – Topic/Summary of Powerful Knowledge
English	<p><u>Privilege and Responsibility (7 weeks):</u></p> <ul style="list-style-type: none"> • Omniscient voice/ ‘Angel of God’ archetype • Theme of social consciousness • Exploitation of the female working classes • Narrative gaps – male working classes. • Marxism – exploitation of the worker • Feminism – commodification of the female • Christianity and redemption (Old Testament view) • Dichotomous presentation of the patriarchy <p><i>Main text: An Inspector Calls (Priestley)</i></p> <p><i>Extracts from:</i> <i>The Tiredness of Rosabel (Katherine Mansfield), The Mill (H. E. Bates), The Silk Factory (Judith Allnatt), The Crossing (Cracknell and Fogel, 2006), Idle Days in Patagonia (W. H. Hudson, 1893) and London (Blake), Extract from The Prelude (Wordsworth), My Last Duchess (Browning), Ozymandias (Shelley).</i></p>
Maths	<p><u>Using graphs</u></p> <ul style="list-style-type: none"> • Reflect shapes in given lines (Review) • Construct and interpret conversion graphs (Review) • Construct and interpret other real-life straight line graphs • Interpret distance/time graphs • Construct distance/time graphs • Construct and interpret speed/time graphs • Construct and interpret piece-wise graphs • Recognise and interpret graphs that illustrate direct and inverse proportion • Find approximate solutions to equations using graphs • Estimate the area under a curve (Higher tier content) <p><u>Expanding and factorising</u></p> <ul style="list-style-type: none"> • Expand and factorise with a single bracket (Review) • Expand binomials (Review) • Factorise quadratic expressions • Factorise complex quadratic expressions (Higher tier content) • Solve equations equal to 0 • Solve quadratic equations by factorisation • Solve complex quadratic equations by factorisation (Higher tier content) • Complete the square (Higher tier content) • Solve quadratic equations using the quadratic formula (Higher tier content) <p><u>Changing the subject</u></p> <ul style="list-style-type: none"> • Solve linear equations (Review) • Solve inequalities (Review) • Form and solve equations and inequalities in the context of shape • Change the subject of a simple formula • Change the subject of a known formula • Change the subject of a complex formula • Change the subject where the subject appears more than once (Higher tier content) • Solve equations by iteration (Higher tier content)
Science	<u>Atomic Structure</u>

	<ul style="list-style-type: none"> • Atomic structure • Radioactive decay • Properties of radiation • Nuclear equations • Radioactive half life • Irradiation <p><u>Genetics</u></p> <ul style="list-style-type: none"> • DNA and genes • The human genome • Tracing human migration • Meiosis • Asexual reproduction • Genetics • Genetic crosses • Tracing gene disorders <p><u>Variation and evolution B</u></p> <ul style="list-style-type: none"> • Antimicrobial resistance • Competing antimicrobial resistance • Selective breeding
History	<p><u>Nazi Germany</u></p> <ul style="list-style-type: none"> • Democracy to dictatorship • Police state • Nazis and women • Nazis and young people • Nazi persecution of minorities
Geography	<p><u>Urban issues and challenges:</u></p> <ul style="list-style-type: none"> • What are Mumbai's opportunities and challenges • Mumbai's urban planning • UK: Why is Liverpool important, opportunities and challenges, Urban regeneration. • Sustainable living • Urban transport strategies <p><u>River Landscapes:</u></p> <ul style="list-style-type: none"> • Long profile and cross profile of a river. • River processes • Formation of landforms • Hydrographs • Causes and impacts of flooding • Hard and soft engineering strategies
Spanish	<p><u>Technology and Social media</u></p> <ul style="list-style-type: none"> • Saying how you keep in touch via the internet • Making comparisons with 'más que' and 'menos que' • Giving opinions about online messaging • Using the Perfect tense of regular verbs • Talking about using a mobile • Using 'Por' and 'Para' • Giving opinions about mobile technology

	<ul style="list-style-type: none"> Using 'estar' and the present continuous tense
Art	<p><u>Identity Art:</u></p> <ul style="list-style-type: none"> Brainstorm, research and collation of own photographs Develop your own project on an aspect of the theme of 'Identity in Art' inspired by a range of historical and contemporary artists. Create a series of final outcomes/pieces through Repeat Pattern printmaking/fabric/digital Reviewing and refining work is a key feature.
Textiles Art	<p><u>Identity Art:</u></p> <ul style="list-style-type: none"> Brainstorm, research and collation of own photographs Develop your own project on an aspect of the theme of 'Identity in Art' inspired by a range of historical and contemporary artists, designers, craftspeople. Create a series of final outcomes/pieces through Repeat Pattern printmaking/fabric/digital Reviewing and refining work is a key feature.
Computing	<p><u>Preproduction skills</u> - Interpret client requirements for pre-production including purpose, theme, style, genre and content. Base interpretations on a specific brief including by client discussion, reviewing a written brief, script, or specification.</p> <ul style="list-style-type: none"> Interpret client requirements for pre-production including purpose, theme, style, genre and content Base interpretations on a specific brief including by client discussion, reviewing a written brief, script, or specification Identify timescales for production based on target audience and end user requirements
Construction	<p><u>Unit 5: Exploring Carpentry and Joinery Principles and Techniques NEA</u> A.1 Tools, materials, equipment and information for carpentry and joinery A.2 Safe use and storage of the carpentry and joinery tools, materials and equipment B.1 Health and safety B.2 Construction of a timber frame</p> <p><u>Unit 1 The Construction Industry:</u> B.1 Preconstruction work B.2 Sub-structure groundworks</p>
Design Technology	<p><u>NEA contextual challenge</u></p> <ul style="list-style-type: none"> Generating design ideas Developing design ideas Realising design ideas Analysing & evaluating <p>Section one – Key ideas on design and technology Higher level drawing skills 3D Section B Solving design issues</p>
Drama	<u>Mock Component 3 Responding to a Brief</u>

	<ul style="list-style-type: none"> Preparation for component 3 externally marked component. A past brief is used to go through the process of responding to a brief and recording ideas and development for use in the written logs.
Health	<p><u>Human lifespan development – Component 1 Learning Aim B</u></p> <ul style="list-style-type: none"> Impact of life event (Martha) Impact of support and care on recovery (Martha) <p><u>Health and social care services and values – Component 2 Learning Aim A (LGR/MFP)</u></p> <ul style="list-style-type: none"> Access to health and social care services (Verna)
Hospitality	<p><u>NEA</u></p> <p>Nutrition during different life stages</p> <p>Environmental issues</p> <p>Factors that affect menu choices</p> <p>Practical skills – cooking safely for yourself and others</p>
Music	<p><u>Composing to a Brief (Component 3)</u></p> <ul style="list-style-type: none"> Applying chords to different instruments to build up a section of music Creating a drum pattern Setting the tempo of a piece of music Using music technology to manipulate and edit musical ideas Recording music using a midi keyboard Composing a melody Using melodic and rhythmic devices Developing a musical idea using musical devices Create a complete and coherent piece of music Applying dynamics to a composition Completed composition to a brief
PE Core	<p><u>Development of skill and tactics in one of the following sports: netball, bench ball, dodgeball, fitness, football, tag rugby and badminton.</u></p> <ul style="list-style-type: none"> Linking physical activity and sport to health, fitness and mental well-being.
Photography	<p>Mock exam</p> <p>This unit gives students the opportunity to select their own topic for exploration from a number of different starting points.</p>
RE/PSHE	<p><u>Being Human:</u></p> <ul style="list-style-type: none"> Death and bereavement The afterlife Attitudes towards mental health Help and support available for mental health problems. <p><u>GCSE – Islam Practices:</u></p> <ul style="list-style-type: none"> The Five Pillars and Ten Obligatory Acts. Shahadah and Salah The Night of Power and Sawm. The origins of Zakah Hajj and the journey to Makkah Jihad Islamic festivals Origins and meaning of Ashura.
Sports Studies	<ul style="list-style-type: none"> RO52- Task 3 and 4

	<ul style="list-style-type: none">• Officiating and Assessing performance with practice methods and how to improve.
--	---