

Year 11 Half Term 1 Curriculum

Subject	Half Term 1 – Topic/Summary of Powerful Knowledge
English	<p><u>The Road to True Love (3 weeks):</u></p> <ul style="list-style-type: none"> • Themes of conflict, fate and death • Courtly love in Elizabethan era • The sonnet form • Elizabethan morality • Patriarchy • Conformity and subversion • Contrast and oxymoron • Semantic field and extended metaphor - tenor, vehicle and ground <p><i>Main text: Romeo and Juliet (Shakespeare) and Kamikaze (Garland)</i></p> <p><u>Privilege and Responsibility (5 weeks):</u></p> <ul style="list-style-type: none"> • Conventions of a play (morality play/ parlour drama) • Morality in the Edwardian era • Dramatic irony, Antithesis, Realism, Subtext, Omniscient narrator • Capitalism vs Socialism • Brecht – epic theatre <p><i>Main text: An Inspector Calls (Priestley)</i></p>
Maths	<p><u>Manipulating expressions</u></p> <ul style="list-style-type: none"> • Simplify algebraic expressions (Review) • Use identities • Add and subtract simple algebraic fractions • Add and subtract complex algebraic fractions (Higher tier content) • Multiply and divide simple algebraic fractions • Multiply and divide complex algebraic fractions (Higher tier content) • Form and solve equations and inequalities with fractions • Solve equations with algebraic fractions (Higher tier content) • Represent numbers algebraically • Algebraic arguments and proof <p><u>Gradients and lines</u></p> <ul style="list-style-type: none"> • Equations of lines parallel to the axis (Review) • Plot straight line graphs (Review) • Interpret $y=mx+c$ (Review) • Find the equation of a straight line from a graph • Equation of a straight-line graph given one point and gradient • Equation of a straight-line graph given two points • Determine whether a point is on a line • Solve linear simultaneous equations graphically (Review) • Explore perpendicular lines (Higher tier content) • Find the equations of perpendicular lines (Higher tier content) <p><u>Non linear graphs</u></p> <ul style="list-style-type: none"> • Plot and read from quadratic graphs • Plot and read from cubic graphs • Plot and read from reciprocal graphs • Recognise graph shapes • Identify and interpret roots and intercepts of quadratics • Understand and use exponential graphs (Higher tier content)

	<ul style="list-style-type: none"> • Find and use the equation of a circle centre 0 (Higher tier content) • Find the equation of the tangent to any curve (Higher tier content)
Science	<p><u>Moving and changing materials B</u></p> <ul style="list-style-type: none"> • Review of diffusion, • active transport and osmosis • Learning about the circulatory system • Exploring the heart • Studying the blood • Investigating gas exchange • Learning about coronary heart disease <p><u>Chemical quantities and calculations</u></p> <ul style="list-style-type: none"> • Conservation of mass and balanced equations • Relative formula mass • Mass changes when gases are in reactions • Chemical measurements and uncertainty Moles • Amounts of substances in equations • Using moles to balance equations <p><u>Chemical changes B</u></p> <ul style="list-style-type: none"> • Reactions of metals and acids • Neutralisation of acids and salt production • Soluble salts pH and neutralisation • Strong and weak acids (HIGHER) <p><u>Photosynthesis B</u></p> <ul style="list-style-type: none"> • Review of photosynthesis • Looking at stomata • Moving water Investigating • Transpiration • Moving sugar • Learning about plants and minerals Investigating how plants use minerals
History	<p><u>Legacy of WWI and the birth of the Weimar Republic –</u></p> <ul style="list-style-type: none"> • Impact on German society • Kaiser’s abdication • Revolution and declaration of the Republic • Armistice – peace agreement between the Allies and Germany, <p><u>The Weimar Constitution (format – Reichstag, President, Chancellor etc.)</u></p> <ul style="list-style-type: none"> • Strengths and weaknesses of the constitution • Effects of the Treaty of Versailles <p><u>Challenges to the Republic, from the left and right</u></p> <ul style="list-style-type: none"> • Spartacist’s Putsch (left) • The Friekorp’s, Kapp Putsch (right) • Hyperinflation • French invasion of the Ruhr • Stresemann recovery • Dawes Plan, Young Plan • Domestic and Foreign policy
Geography	<p><u>Coastal landscapes and Urban Issues and Challenges:</u></p> <p>Coasts</p> <ul style="list-style-type: none"> • Formation of different coastal landforms. • Hard and soft engineering methods. <p><u>Urban Issues and Challenges:</u></p>

	<ul style="list-style-type: none"> • Urbanisation • Push and pull theory • Megacities • Urban challenges in Mumbai • Dharavi • Opportunities in Mumbai • Challenges in Mumbai • Urban planning projects in Mumbai to improve the Quality of Life in Mumbai.
Spanish	<p><u>La familia y las relaciones- Family and relationships</u></p> <ul style="list-style-type: none"> • Talking about family members and describing people • Using tener and ser in the present tense • Talking about friends • Learning about agreement and position about adjectives • Talking about your partner and marriage • Using possessive adjectives • Using y and que to form longer sentences • Talking about future plans • Using immediate future tense • Giving opinions in different ways.
Art	<p><u>Identity in Art</u></p> <ul style="list-style-type: none"> • Identity in Art and Design • Studying the work of the Contemporary Young British Artists and Marcelo Montreal. • Brainstorming the theme of 'Identity' and developing ideas and final compositions around the theme through practical techniques.
Art Textiles	<p><u>Identity in Art</u></p> <ul style="list-style-type: none"> • Identity in Art and Textile Design • Studying the work of Contemporary designers e.g., Vivienne Westwood, Jose Romussi, London Art Portfolio etc. • Brainstorming the theme of 'Identity' and developing ideas and final compositions around the theme through practical techniques.
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. Identify timescales for production based on target audience and end user requirements.</p> <ul style="list-style-type: none"> • Understand the purpose and use of a mood board • Understand the purpose and use of mind maps / spider diagrams • Understand the purpose and use of visualisation diagrams • Understand the purpose and use of a storyboard
Construction	<p><u>Unit 5: Exploring Carpentry and Joinery Principles and Techniques</u></p> <p>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></p> <ul style="list-style-type: none"> • C.3 Superstructures – roofs • C.2 Superstructures – floors • C.1 Superstructures – walls
Design Technology	<p><u>Exam preparation drawing skills section C:</u></p> <ul style="list-style-type: none"> • Drawing techniques: • Isometric, • Orthographic projection, • One-point and two-point perspective, • Scaled drawing, • Freehand drawing and exploded diagrams. <p><u>Non Exam Controlled Assessment:</u></p> <ul style="list-style-type: none"> • Introduction of contextual challenge • Task Analysis • Client Profile • Secondary and primary research • Focus group • Ergonomics and Anthropometrics • Social Moral Aspects • Specification
Drama	<p><u>Component 3 Mock – Responding to a Brief</u></p> <ul style="list-style-type: none"> • Process of devising in response to a brief • Selecting and refining material for devising • Development of the chosen style of theatre • Development through exploration and rehearsal. • Recording of ideas • Evaluating the process of devising
Health	<p><u>Component 1:</u></p> <ul style="list-style-type: none"> • Life events – accident/serious injury • Billy Monger and his car accident when competing. • Impact of accident and serious injury on his health and wellbeing • Support Billy needed to recover and adapt • The impact this support had on adapting to change
Hospitality	<p><u>Nutrition</u></p> <ul style="list-style-type: none"> • Understand how different cooking methods impact on nutritional value • Preparation and applying different cooking methods in a hospitality environment • Food presentation and plating techniques • Comparing nutritional values for different age groups e.g., Teenagers/elderly
Music	<p><u>Composition to a Brief (30% of the overall GCSE grade)</u></p> <ul style="list-style-type: none"> • Opportunity to revisit how a chord is constructed and how to create a 4 bar chord sequence. • The structure of a composition-pop song structure, ternary form, binary form and rondo form. • Study the musical styles identified in the briefs to look at typical musical elements-can only be identified when the briefs are released in September each year. • 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.

	<ul style="list-style-type: none"> • 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.
PE	<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><u>Mixed Media Project</u></p> <ul style="list-style-type: none"> • This unit explores how photographs can be used and experimented with in many different ways combining different medium.
RE/PSHE	<p><u>Being Human</u></p> <ul style="list-style-type: none"> • Students will explore what it means to be human. • They will think about what religious groups believe about stages of life and what it means to grow up. <p><u>GCSE Religious Studies: Islam Beliefs and Teachings</u></p> <ul style="list-style-type: none"> • Students will explore Islamic beliefs and teachings. • They will explore the growth of Islam, what Muslims believe about the prophets and the importance of the teachings in the Qur'an.
Sport Studies	<ul style="list-style-type: none"> • RO51- Exam Preparation for January external exam- first sitting- (4 Lessons) • LO2- Values of Sport. Performing Enhancing Drugs. • LO3- Hosting of major sporting events • LO4- NGB, promotion, development, infrastructure, Policies, Funding and support • Exam questions/ revision. • RO52- One practical a week- Officiating- LO3(One Lesson)