

Curriculum Overview –Year 11

	Autumn	Spring	Summer
Architecture, Construction & Design	<p>Unit 3 Construction Design:</p> <ul style="list-style-type: none"> • Sectors of Construction Industry in the UK • Contribution of Construction Industry to the UK • Client Brief • Concept Ideas; elevations, floor plans & point perspectives • Reviewing against the CB <p>Unit 2 Maths and Science in Civil Engineering & Construction:</p> <ul style="list-style-type: none"> • Load, Stress and Strain • Materials in Construction • Area, volume, perimeters in construction projects • Trigonometry and Pythagoras Theorem 	<p>Unit 2 Maths and Science in Civil Engineering & Construction:</p> <ul style="list-style-type: none"> • Load, Stress and Strain • Materials in Construction • Area, volume, perimeters in construction projects • Trigonometry and Pythagoras Theorem 	<p>Unit 4 Construction Drawing Techniques:</p> <ul style="list-style-type: none"> • Floor plans • Site & Location plans • Component drawing • Presentation drawing • CAD
Art & Design	<p>Portrait Continues & Mock Exam Students complete their portrait project before receiving a Mock Exam paper as a starting point for creating their own response to a question in the paper. Mock Exam - Students choose one question from a mock exam paper containing previous exam questions. They use this as inspiration to create preparation work before completing a ten hour final outcome.</p>	<p>Final Exam Students choose one question from an exam paper to use as inspiration to create preparation work before completing a ten hour final outcome.</p>	<p>Final Exam Students choose one question from an exam paper to use as inspiration to create preparation work before completing a ten hour final outcome.</p>

Curriculum Overview –Year 11

Computer Science	Unit 1.4 Network Security Unit 1.5 System Software End of Term assessment on all previous topics Smart Revise to recall all previous topics in class, majority use at home	Revision and exam preparation End of Term assessment on all previous topics Smart Revise to recall all previous topics in class, majority use at home	Revision and exam preparation End of Term assessment on all previous topics Smart Revise to recall all previous topics in class, majority use at home
Computer Science OCR iMedia	Formal Assessment of R091 25% of course	Exam Revision	Exam Revision
Design & Technology	NON EXAMINATION ASSESSMENT (NEA) Section C Generating Design Ideas Section D Developing Design Ideas Section E Realising Design Ideas	NON EXAMINATION ASSESSMENT (NEA) Section F Evaluation	Examination Preparation
Drama	Devising Examination Devising Examination/ completion of all coursework	Component 3 (External Examination)	Written Exam Preparation

Curriculum Overview –Year 11

English

SOW: Language Paper 1 – Fiction
Texts and creative writing.
Developing critical responses to language and structure within fiction extracts; moving from reading into creative writing inspired by fiction texts, practising narrative structure and descriptive writing

SOW: Language Paper 2 – Non-fiction texts and expressing a viewpoint through writing.
Developing responses to non-fiction texts, identifying form and purpose, linking to writers' methods and choices; moving from reading into writing inspired by non-fiction texts, practising effective and engaging structure and persuasive writing

Revision: Power & Conflict poetry, focusing on developing thematic links between poems and explicit comparison of poets' methods and ideas

Assessment to take place regularly for evidence tracking towards Autumn grades

SOW: Unseen Poetry
Students to engage with a range of modern and heritage poems, developing personal and critical responses to form, structure, and language; deliberate and focused comparison of poets' methods

Revision: Romeo and Juliet and A Christmas Carol; consolidate knowledge of plot, themes, characters, and socio-historical context. Focus on analytical essay-writing skills and structure (exam preparation) through modelling and formative feedback

Assessment against target band Spring
Mock exams – all papers - in Jan/Feb – formative feedback to tailor revision programme for Term 3

Revision: Continued revision of literature texts

Exam practice: Unseen poetry, Language Paper 1 and 2

Curriculum Overview –Year 11

Food Preparation & Nutrition	<p>Launch NEA1</p> <ol style="list-style-type: none"> 1. Research task – including food scientific terms 2. Conduct experiments 3. Draw conclusions and evaluate <p>Complete NEA1</p> <p>Launch NEA2</p> <p>Plan prepare and cook 3 dishes.</p> <p>Research and planning of 3 technical dishes.</p> <p>Revision to commence as homework.</p>	<p>NEA2 continued</p> <p>Complete technical dishes leading to the final practical exam.</p> <p>Continue online revision using Seneca.</p> <p>NEA2 continued</p> <p>Complete final dish and evaluation.</p> <p>Continue online revision using Seneca.</p>	<p>Preparation for the exam</p>
Geography	<p><u>Human Geography</u></p> <p>Resource Management</p> <p>Water resource Management</p> <p><u>Geographical investigation</u></p> <p>UK Challenges</p>	<p><u>Geographical Investigations</u></p> <p>Revision</p>	<p>Revision</p>
History	<p>The Cold War, 1941 – 1991</p>	<p>Revision</p>	<p>Revision</p>

Curriculum Overview –Year 11

Maths	Years 9, 10 and 11 Topics are taught in this order over a period of 2 ½ years, leaving time to revisit topics before the GCSE			
	<u>Foundation</u>	<u>Foundation cont'd</u>	<u>Higher</u>	<u>Higher cont'd</u>
	<ul style="list-style-type: none"> Integers and place value Decimals Algebra – the basics Statistics Averages Angles/Lines of Symmetry Polygons and parallel lines Indices, powers and roots Factors, multiples and primes Equations Tables Averages from charts and graphs Perimeter and area (not surface area) Fractions Ratio Expand and factorise single brackets Translation (not describe) Rotation (not describe) Reflection (not describe) Enlargement (not describe) 	<ul style="list-style-type: none"> Plotting straight line graphs Plans, elevations, nets and surface areas Volume Probability 1 Probability 2 with Venn diagrams (not including tree diagrams) Inequalities Interior and exterior angles Proportion Bearings Construction Loci Averages from frequency tables Indices and standard form Fractions and reciprocals Real life graphs Compound measures/rates of change $y=mX+c$ Describing translations Describing rotations Describing reflections Describing enlargements Percentages 2 (increase/decrease, multiplier, tax) Pythagoras Circles, cylinders, cones and spheres 	<ul style="list-style-type: none"> Factor, multiples, primes, indices – use of calculator Algebraic expressions and manipulation Averages, range, quartiles and IQR Angles Decimals and Rounding Fractions Sequences Linear Graphs Collecting data / representing and interpreting data – easier charts and graphs Sampling Area, perimeter, surface area and volume Percentages Solving linear equations / Changing the subject of a formula / Using formulas Pythagoras Theorem Ratio and proportion Standard form Fractional and negative indices Transformations Solving linear simultaneous equations 	<ul style="list-style-type: none"> Solving quadratic equations Similarity and congruence Compound measures / Real-life graphs Drawing graphs: quadratic, cubic, reciprocal, circles Circle Theorems Vectors Direct and Inverse Proportion Non Right Angled Trigonometry Parallel and Perpendicular Lines Histograms Algebraic Fractions Use function notation Exponential Graphs Simultaneous Equations using Quadratics Transformations of Graphs – incl Trig Curves Iteration Area under the Graph + Gradients of Graph Proof Graphing inequalities and solving quadratic inequalities Equations and Tangents

Curriculum Overview –Year 11

Maths	<u>Foundation</u>	<u>Foundation cont'd</u>	<u>Higher</u>	
	<ul style="list-style-type: none">Fractions, decimals and percentagesPercentages (not increase/decrease, interest, VAT, no multiplierPie chartsScatter diagramsExpression and substitution (no deriving of formula)Sequences – not quadratic, not geometric	<ul style="list-style-type: none">Simultaneous equationsProbability treesQuadratic sequencesQuadratic equations, expanding and factorisingQuadratic, cubic and reciprocal graphsRight angled trigonometryRearranging formulaSimilarity and congruenceVectors	<ul style="list-style-type: none">ProbabilitySurdsPythagoras' Theorem / Right-angled trigonometryLinear inequalitiesCumulative Frequency / Box PlotsConstrutions / Loci/ BearingsBoundsHarder sequencesVenn diagramsHarder area, perimeter, surface area and volume	
Modern Foreign Languages	Global issues (1) The environment	Global issues (2) Homelessness and poverty	Revision and exam preparation	
	Social issues (2) Charity and voluntary work	Career choices and ambitions		
Music	Musical Knowledge & Instrumental Study	Instrumental Study Unit 204ta		
Photography	Mock Exam Students choose one question from a mock exam paper containing previous real exam questions. They then use this as inspiration to create preparation work before completing a ten hour final outcome.	Final Exam Students choose one question from an exam paper to use as inspiration to create preparation work before completing a ten hour final outcome.	Final Exam Continuation of the final exam until May	

Curriculum Overview –Year 11

Physical Education	<p>Options PE – Selection from 1 of 3 Sports in each half term as follows:</p> <p><u>Autumn Term 1</u></p> <p>Football Badminton Basketball Dance</p> <p><u>Autumn Term 2</u></p> <p>Handball Hockey Fitness Aerobics</p>	<p>Options PE – Selection from 1 of 3 Sports in each half term as follows:</p> <p><u>Spring Term 1</u></p> <p>Footgolf / Frisbee golf Table Tennis / Tennis Volleyball OAA Offsite Provision</p> <p><u>Spring Term 2</u></p> <p>Spikeball/Ultimate Frisbee Softball / Rounders Tennis Gymnastics / Offsite Provision</p>	<p>Options PE – Selection from 1 of 3 Sports in each half term as follows:</p> <p><u>Summer Term 1</u></p> <p>Football Athletics Striking / Fielding Dance</p>
Physical Education BTEC Sport	<p><u>Unit 1 – Fitness for Sport and Exercise</u></p> <p>A1 – Components of Physical Related Fitness A2 – Components of Skill Related Fitness A3 – Why fitness components are important for successful participation. A4 – Exercise Intensity, Training Zones and Borg Scale. A5 – The basic principles of training. A6 – Additional Principles of Training B1 – Requirements for each of the fitness training methods. B2 – Additional requirements for each of the fitness training methods. B3 – Flexibility training, Static, Ballistic and Proprioceptive Neuromuscular Facilitation. Strength, Muscular Endurance and Power Training. Aerobic Endurance Training, Speed Training.</p>	<p><u>Unit 6 – Leading Sports Activities</u></p> <p>LAA – Know the attributes associated with successful sports leadership.</p> <p>LAB – Undertake the planning and leading of sports activities.</p> <p>LAC – Review the Planning and leading of sports activities.</p> <p><u>Unit 3 – Applying the Principles of Personal Training</u></p> <p>LAC – Implement a self-designed personal fitness training programme to achieve own goals and targets.</p>	<p><u>Unit 3 – Applying the Principles of Personal Training</u></p> <p>LAA - Design a personal fitness training programme.</p> <p>LAB – Know the musculoskeletal system and the cardiorespiratory system and the effects on the body during fitness training.</p> <p>LAC – Implement a self-designed personal fitness training programme to achieve own goals and targets.</p> <p>LAD – Review a personal fitness training programme.</p>

Curriculum Overview –Year 11

Physical Education BTEC Sport	<p><u>Unit 6 – Leading Sports Activities</u></p> <p>LAA – Know the attributes associated with successful sports leadership.</p>		
Religious Education	<p><u>Into the Future</u> <u>The Future of the Military</u></p> <ul style="list-style-type: none"> -Defence review/defence priorities. -Ethics of cyber warfare and the grey zone. -World hotspots. -QRA/ethical decision making structures -Uighers <p><u>Main feedback:</u> Defence review -Uighers</p> <p><u>Responding to racism</u></p> <ul style="list-style-type: none"> -Stephen Lawrence -Racism report <p><u>Main feedback:</u> -Response to racism report</p>	<p><u>Animal Rights</u></p> <ul style="list-style-type: none"> -animal rights -veganism <p><u>Main feedback:</u> -Should we all be vegan?</p> <p><u>Round up of RE</u></p> <ul style="list-style-type: none"> -Is Britain a secular society? -No Man is an Island 	

Curriculum Overview –Year 11

<p>Science</p>	<p><u>Biology</u> B6² Inheritance, variation and evolution</p> <p><u>Chemistry</u> C7² Organic chemistry C8² Chemical Analysis</p> <p><u>Physics</u> P6² Waves</p>	<p><u>Biology</u> B7² Ecology</p> <p>(begin revision if completed)</p> <p><u>Chemistry</u> C9² Atmosphere C10² Using resources</p> <p>(begin revision if completed)</p> <p><u>Physics</u> P7² Magnetism and electromagnetism P8¹ Space Physics</p> <p>(begin revision if completed)</p>	
-----------------------	---	--	--

Curriculum Overview –Year 11

EXPERIENCE DAYS

YEAR 11	Day 1	Day 2	Day 3	Day 4	Day 5
	Interviews part 1 Getting an interview CV writing and online profiles	Interviews part 2 Interview technique	Interviews part 2 Interview technique	Interviews part 4 Practice interviews	
	Consent	Contraception	Pornography	Attitudes to gender FGM and honour based violence Show racism the red card workshop	
	The UK's relationship with the rest of the world	E-safety 3 Online sexual harassment. E.g. unsolicited pictures Better behaviour on dating apps Online profile	Mental Health and Revision Coping with stress	Living as an adult Health advice for the future Passwords and basic cyber security Driving tests and how they work Mental health resources	