

YEAR 12 CURRICULUM MAP

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths	Unit 1: Algebra and functions Unit 1: Statistical sampling Unit 2a: Data presentation and interpretation Unit 6: Quantities and units in mechanics Unit 7a: Kinematics 1 (constant acceleration)	Unit 2: Coordinate geometry in the (x, y) plane Unit 3: Further algebra Unit 2b: Data presentation and interpretation Unit 7b: Kinematics 1 (constant acceleration)	Unit 4: Trigonometry Unit 5: Vectors (2D) Unit 3: Probability Unit 4: Statistical distributions Unit 8a: Forces & Newton's laws	Unit 6: Differentiation Unit 7: Integration Unit 5a: Statistical hypothesis testing Unit 8b: Forces & Newton's laws	Unit 8: Exponentials and logarithms Unit 5b: Statistical hypothesis testing Unit 9: Kinematics 2 (variable acceleration) Revision	Formal assessment Unit 1: Proof Unit 2: Algebraic and partial fractions
A Level English Lang & Lit	Spoken and Written Non-fiction Reading. OCR/EMC Anthology of 20 Spoken & Written Non-fiction (will be printed for students) <ul style="list-style-type: none"> • What is non-fiction? An introduction. • Reading non-fiction. • Skills and terminology. 	Fiction: Jane Eyre* Delivery Guide available here: T:\Staff Resources\English\KS 5\Lang Lit 2017 EMC PDF and resources also available. <ul style="list-style-type: none"> • Literary and linguistic terminology • Plot • Characterisation 	Writing: using Jane Eyre for recreation tasks and creative writing using EMC resources. Reader as Writer part of the exam. <ul style="list-style-type: none"> • General writing skills • Text manipulation • Grammar skills 	Spoken and Written Non-fiction Reading. OCR/EMC Anthology of 20 Spoken & Written Non-fiction (will be printed for students) <ul style="list-style-type: none"> • Comparing • Unseen non-fiction 	Coursework component option Non-fiction text Exploring and selecting set text Library lessons	Writing coursework (tutorials and computer room)
BTEC Science	UNIT 1: PRINCIPLES AND APPLICATIONS OF SCIENCE I A Periodicity and properties of elements B Structure and functions of cells and tissues C Waves in communication	UNIT 1: PRINCIPLES AND APPLICATIONS OF SCIENCE I A Periodicity and properties of elements B Structure and functions of cells and tissues C Waves in communication	UNIT 2: PRACTICAL SCIENTIFIC PROCEDURES AND TECHNIQUES A Undertake titration and colorimetry to determine the concentration of solutions B Undertake calorimetry to study cooling curves	UNIT 2: PRACTICAL SCIENTIFIC PROCEDURES AND TECHNIQUES A Undertake titration and colorimetry to determine the concentration of solutions B Undertake calorimetry to study cooling curves	UNIT 8: PHYSIOLOGY OF HUMAN BODY SYSTEMS A Understand the impact of disorders of the musculoskeletal system and their associated corrective treatments B Understand the impact of disorders on the physiology of the	UNIT 3: SCIENCE INVESTIGATION SKILLS

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			C Undertake chromatographic techniques to identify components in mixtures D Review personal development of scientific skills for laboratory work	C Undertake chromatographic techniques to identify components in mixtures D Review personal development of scientific skills for laboratory work	lymphatic system and the associated corrective treatments C Explore the physiology of the digestive system and the use of corrective treatments for dietary-related diseases	
Biology	Lifestyle, health and risk Genes and Health		Voice of the genome Biodiversity and natural resources		Maths in Biology Ecology Forensics	
Chemistry	Amount of substance Volumetric analysis Atomic Structure Bonding	Volumetric analysis (cont) Nomenclature Alkanes Bonding (cont) Energetics	Halogenoalkanes Alkenes Energetics (cont.) Kinetics	Alcohols Organic analysis Redox Periodicity	Organic analysis(cont.) NMR and chromatography Group 2 Group 7	Equilibria and Kp Rate equations
Physics		Materials: Floating & Fluids. Mechanics: Vectors, Introducing SUVAT, Forces & vectors, Momentum.	Waves: Basics, phase difference, superposition, standing waves, interference patterns, lenses Electricity: current resistance Ohms law and circuits.	Waves: diffraction single & double slits; Huygens principle, polarisation, pulse-echo techniques. Electricity: resistivity, emf & internal resistance, semiconductor devices	Waves: diffraction gratings. Particles as waves: photoelectric effect, wave particle duality, energy levels & line spectra.	Internal Exams. Further Mechanics: circular motion, conservation of momentum in 2-D.
History	USA Topic 1: The political environment Topic 2: Civil and minority rights Key skills: thematic study (change over time), causation, significance, consequence		USA Topic 3: Women and immigration Topic 4: Boom and bust Key skills: thematic study (change over time), causation, significance, consequence		USA Topic 5: Interpretations of Reagan Key skills: interpretations CW: The Russian Revolutions: Causes of the Russian Revolutions	

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	<p>South Africa Topic 1: The response to apartheid Topic 2: Radicalisation of resistance and consolidation of National Party power</p> <p>Key skills: causation, consequence, change, significance, evidence</p>		<p>South Africa Topic 3: Redefining resistance to National Party power Topic 4: the end of apartheid</p> <p>Key skills: causation, consequence, change, significance, evidence</p>		<p>Key skills: causation</p> <p>Britain Breath 1: Reform of Parliament</p> <p>Key skills: thematic study (change over time), causation, significance, consequence</p>	
Visual Arts/Photography	<p>GCE Photography – coursework – component 1 Project 1 – A Sense of Place</p> <ul style="list-style-type: none"> • Photographer research using WAYS IN and FORMAL ELEMENTS • Practical workshops in both analogue and digital techniques • Collage/Montage/Drawing • Independent development <p>Key focus – Place and space – understanding environments through visual imagery</p>		<p>GCE Photography – coursework – component 1 Project 1 – A Sense of Place</p> <ul style="list-style-type: none"> • Photographer research using WAYS IN and FORMAL ELEMENTS • Practical workshops in both analogue and digital techniques • Collage/Montage/Drawing • Independent development <p>Key focus – Place and space – understanding environments through visual imagery</p>		<p>GCE Photography – coursework – component 1 Project 2 – Portraiture and Transformation</p> <ul style="list-style-type: none"> • Photographer research using WAYS IN and FORMAL ELEMENTS • Studio lighting - Practical workshops in both analogue and digital techniques • Collage/Montage/Drawing • Independent development <p>Key focus – Zanele Muholi – gender and identity in portrait photography</p>	

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Visual Arts/ Textiles	<p>GCE Textile Design - coursework -component 1 Project 1- FLORA AND FAUNA</p> <p>Induction period</p> <p>Students given opportunities to develop their knowledge, understanding and skills, to include:</p> <ul style="list-style-type: none"> generating and developing ideas researching primary and contextual sources recording practical and written observations exploring materials, processes, technologies and techniques <p>Students start work on Personal Investigation - FLORA AND FAUNA</p> <p>Key focus - Josef Mrva and Dan Hillier. Flora and Fauna, Environment and surrounding</p>	<p>GCE Textile Design - coursework -component 1 Project 1- FLORA AND FAUNA</p> <p>Continue to develop project work</p> <p>Students given opportunities to develop their knowledge, understanding and skills, to include:</p> <ul style="list-style-type: none"> generating and developing ideas researching primary and contextual sources recording practical and written observations exploring materials, processes, technologies and techniques <p>Students complete work on Personal Investigation - FLORA AND FAUNA</p> <p>Key focus - Josef Mrva and Dan Hillier. Flora and Fauna, Environment and surrounding</p>	<p>GCE Textile Design - coursework -component 1 Project 2 - TRANSFORMATIONS</p> <p>May half term onwards- Component 1- PROJECT 2- TRANSFORMATIONS</p> <p>Students given opportunities to develop their knowledge, understanding and skills, to include:</p> <ul style="list-style-type: none"> generating and developing ideas researching primary and contextual sources recording practical and written observations exploring materials, processes, technologies and techniques working towards producing a final response <p>Key focus – personal project</p>			
Visual Arts/ Fine Arts	<p>GCE Fine Art - coursework - component 1 Project 1- FLORA AND FAUNA</p> <p>Induction period</p> <p>Students given opportunities to develop their knowledge, understanding and skills, to include:</p> <ul style="list-style-type: none"> generating and developing ideas researching primary and contextual sources recording practical and written observations exploring materials, processes, technologies and techniques <p>Students start work on Personal Investigation - FLORA AND FAUNA</p> <p>Key focus - Josef Mrva and Dan Hillier. Flora and Fauna, Environment and surrounding</p>	<p>GCE Fine Art - coursework - component 1 Project 1- FLORA AND FAUNA</p> <p>Continue to develop project work</p> <p>Students given opportunities to develop their knowledge, understanding and skills, to include:</p> <ul style="list-style-type: none"> generating and developing ideas researching primary and contextual sources recording practical and written observations exploring materials, processes, technologies and techniques <p>Students complete work on Personal Investigation - FLORA AND FAUNA</p> <p>Key focus - Josef Mrva and Dan Hillier. Flora and Fauna, Environment and surrounding</p>	<p>GCE Fine Art - coursework - component 1 Project 2 - TRANSFORMATIONS</p> <p>May half term onwards- Component 1- PROJECT 2- TRANSFORMATIONS</p> <p>Students given opportunities to develop their knowledge, understanding and skills, to include:</p> <ul style="list-style-type: none"> generating and developing ideas researching primary and contextual sources recording practical and written observations exploring materials, processes, technologies and techniques working towards producing a final response <p>Key focus – personal project</p>			

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VA/BTEC Art & Design	Unit 1 – Visual Recording and Communication Unit 2 – Critical and Contextual Studies in Art And Design Unit 4 – Materials, Techniques and Process in Art and Design Unit 14 – Textiles, Materials, Techniques and Processes			Unit 5 – Developing an Art and Design Portfolio Unit 9 – Photographic Materials, Techniques and Processes		
VA/BTEC Creative Digital	Unit 21 – Film Editing Unit 20 – Single Camera Techniques Unit 25 – Sound Recording			Unit 36 – Lighting Techniques Unit 10 – Film Production		
Health & Social Care Diploma (Double)	Unit 1 – Coursework Building positive relationships in Health & Social Care Unit 2 - Exam Equality, Diversity and Rights in Health & Social Care Unit 7 – Exam Safeguarding Unit 15 – Coursework Promoting health and wellbeing		Unit 1 – Coursework Building positive relationships in Health & Social Care Unit 3 - Exam Health, Safety & Security in Health & Social Care Unit 15 – Coursework Promoting health and wellbeing		Unit 1 - Coursework Building Positive Relationships in Health & Social Care Unit 3 - Exam Health, Safety & Security in Health & Social Care Unit 4 – Exam Anatomy & Physiology for Health & Social Care Unit 15 – Coursework Promoting health and wellbeing	
Health & Social Extended Certificate (Single)	Unit 1 – Coursework Building positive relationships in Health & Social Care Unit 2 – Exam Equality, Diversity and Rights in Health & Social Care		Unit 1 – Coursework Building positive relationships in Health & Social Care Unit 3 – Exam Health, Safety & Security in Health & Social Care		Unit 1 - Coursework Building Positive Relationships in Health & Social Care Unit 3 - Exam Health, Safety & Security in Health & Social Care Unit 4 – Exam Anatomy & Physiology for Health & Social Care	

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Dance	<p>KS5 Dance Theory</p> <p>Rambert & dance history</p> <p>KS5 Dance Practical</p> <p>Pioneer techniques Rooster Bruce background and training Bruce influences Bruce style Bruce overview of works</p>	<p>KS5 Dance Theory</p> <p>Rambert practitioners North and Alston</p> <p>KS5 Dance Practical</p> <p>Pioneer techniques Rooster content and context- section each week Solo performance (with Independent rehearsals) completed by xmas</p> <p>Participate in Year 13 choreography workshops</p>	<p>KS5 Dance Theory</p> <p>Independent Contemporary dance scene in Britain- Khan and Bourne /developing technique and choreography with Year 11</p> <p>KS5 Dance Practical</p> <p>Technique</p> <p>Quartet & choreography</p>	<p>KS5 Dance Theory</p> <p>Sutra</p> <p>Cherkaoui style, background training, content and context</p> <p>KS5 Dance Practical</p> <p>Exam rehearsals Solos Quartet Performance in choreography</p>	<p>KS5 Dance Theory</p> <p>Self-reflection and summaries</p> <p>Research of practitioners for genre units</p> <p>Exploration of Christopher Bruce's work Rooster</p> <p>KS5 Dance Practical</p> <p>Practical preparation for public performance</p> <p>Practical exploration of individual units Jazz and Urban Dance</p> <p>Exploration of Christopher Bruce's work Rooster</p>	<p>KS5 Dance Theory</p> <p>Self-reflection and summaries</p> <p>Research of practitioners for genre units, develop knowledge for extended writing</p> <p>Exploration of Christopher Bruce's work Rooster and other works, develop knowledge for extended writing assessment</p> <p>KS5 Dance Practical</p> <p>Practical preparation for public performance</p> <p>Practical exploration of individual units Jazz and Urban Dance</p> <p>Dance, reflect and review</p> <p>Exploration of Christopher Bruce's work Rooster and other works</p>

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Drama	Component 1 Texts in practice. Yerma and Antigone	Component 1 Texts in practice. Yerma and Antigone	Component 2 Devising Working notebook.	Component 2 Devising Working notebook. Submission of coursework.	Component 1 Texts in practice. Yerma and Antigone	Component 3 Scripted extracts
Computer science	JAVA Programming 1.1 Hardware Inc. CPU	JAVA Programming 1.2 Software	JAVA Programming 1.2 Software	JAVA Programming 1.4 Data types, structures and algorithms	JAVA Programming 1.4 Data types, structures and algorithms	Start coursework, section 1 1.5 Ethical and legal issues
Music	Extended Composition techniques: Bach Chorale and Free Composition Set work analysis AoS; Musical Theatre (Shoenberg/Sondheim/Rogers) AoS: Operas of Mozart – Marriage of Figaro and introduction AoS 4: Art Music Shostakovich Reich		Composition Coursework Set work analysis AoS; Musical Theatre (Shoenberg/Sondheim/Rogers)		Composition Coursework Set work analysis AoS : Piano Music of the Romantic Era(Chopin, Brahms, Grieg)	
	Completion of Free Composition and Bach Chorale Development of Music Theory to post Grade 6 standard (ABRSM) Set works Term 1: Art Music C20 - Shostakovic and Reich Revision: Musical Theatre, Opera of Mozart		Completion of Free Composition and Bach Chorale Development of Music Theory to post Grade 6 standard (ABRSM) Set works Term 2: Art Music C20 - Messaien, Reich Revision: Romantic Piano Music, Musical Theatre		Term 3: Revision Completion of Coursework	

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P E	<p>Paper 1: Section B: Skill continuum and transfer of learning</p> <p>Paper2: Section A: Diet, supplements and glycogen loading Section C: Performance enhancing drugs and issues surrounding their use. Violence in Sport</p> <p>Ongoing outside of lesson. Students to record competitive evidence and submit</p>	<p>Paper 1: Section A: Energy systems: ATP, ATP/PC, Lactate, Aerobic</p> <p>Section B: Guidance and Feedback</p> <p>Paper2: Section C: Sport and the Law. Ethics in Sport: amateurism, sportsmanship vs gamesmanship, deviance</p> <p>Ongoing outside of lesson. Students to record competitive evidence and submit</p>	<p>Paper 1: Section A: Measuring energy expenditure: calorimetry, RER, lactate sampling, VO2max. EPOC. OBLA</p> <p>Section C: Sport and society: Pre 1780</p> <p>Paper2: Section B: Motivation: Types, Achievement Motivation (NaFand NaCH, Achievement Goal theory, Approach Behaviour</p> <p>Ongoing outside of lesson. Students to record competitive evidence and submit</p>	<p>Paper 1: Section C: Sport and society: 1780 – 1900</p> <p>Paper2: Section A: Training methods: Circuit, continuous, weight, fartlek, PNF, Interval, HITT, SAQ Warm up, cool down and stretching. Data use</p> <p>Section B: Arousal. Anxiety. Stress Management</p> <p>Ongoing outside of lesson. Students to record competitive evidence and submit</p>	<p>Paper 1: Section C: Sport and society: Post WWII – present</p> <p>Paper2: Section A: Principles of training Periodization</p> <p>Section B: Self-efficacy Goal setting</p> <p>Ongoing outside of lesson. Students to record competitive evidence and submit</p>	<p>Trial Exam Preparation</p> <p>Written coursework AO2 and 3 analysis</p> <p>Trial Exam review</p>
Psycho logy	Research Methods Approaches in Psychology	Attachment Memory	Memory Attachment Social Influence	Memory Social Influence	Revision Biopsychology	Research Methods

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Law	<p>PAPER 1 Two-week induction: what is the difference between civil and criminal law? What is law? researching and summarising legal cases and legal language and writing . Baseline assessment.</p> <p>What is justice? Do we have justice in the UK? Principles of criminal liability</p> <p>Two-week induction: Are you interested in a legal career or studying Law at university?</p> <p>What is morality? Are law and morality the same thing? Criminal law You have been prosecuted. What crime did you commit? What will happen at court? What sentence will you get? You were found guilty- can you appeal? How? Investigating some criminal appeals. Who will you encounter at court?</p>	<p>PAPER 1 The victim is alive but not well. What crime has been committed?</p> <p>Making a civil claim Someone owes you money. Who can advise you? How do they get qualified? What do they do? How do you make a claim? Do you have to go to court? Who is at court? What happens at court? What is the role of the judge? Can you appeal against the decision? How does that work? Investigating some civil appeals</p>	<p>PAPER 1 How can you be guilty when you tried but failed to commit a crime? How can you be guilty of theft when you didn't take anything?</p> <p>Making a civil claim Can you appeal? How do judges make decisions? Can anyone tell them what to do? Role of judges Trials and appeals Appeal process Judicial precedent and statutory interpretation</p>	<p>PAPER 1 The victim is dead-what crime has been committed? Prove it!</p> <p>Can ordinary people change the law? How? <i>Influences on Parliament</i> <i>Statutory process</i> <i>Law reform</i></p> <p>Who else can make law? <i>Delegated legislation</i> <i>EU</i></p> <p>Can the Queen break the law? <i>The rule of law</i></p>	<p>PAPER 1 You committed a crime - do you have a defence?</p> <p>PAPER 2 How did a snail change the law?</p>	<p>End of year exams and revision</p> <p>The Hillsborough Disaster investigation</p>

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Travel & Tourism	Unit 1: The United Kingdom Tourism Product External assessment	Unit 1: The United Kingdom Tourism Product External assessment	Unit 1: The United Kingdom Tourism Product External assessment – written exam 90 minute 25% Exam to be taken Jan/Feb	Unit 2: Worldwide Tourism Destinations Internal assessment – Timed Controlled Assessment Total of 100 marks 25%	Unit 2: Worldwide Tourism Destinations Internal assessment – Timed Controlled Assessment Total of 100 marks 25%	Unit 2: Worldwide Tourism Destinations Internal assessment – Timed Controlled Assessment Total of 100 marks 25%
Geography	Tectonic processes and hazards / Coastal landscapes		Water cycle and insecurities / Carbon cycle and energy securities		Globalisation / Diverse places	
Drama	'Yerma' 'Antigone' Live Production Theatre Trip/s				'Yerma' (after Devised perf) 'Antigone' (after Devised perf) Live Production (after Devised perf)	
Politics	UK Politics: Democracy and Participation, Constitution, Parliament UK Politics: Parties, Electoral Systems.		UK Politics: Parliament, PM and Executive, Relationship between Institutions. UK Politics: Electoral Systems, Voting Behaviour.		Ideologies: Liberalism, Sociology, Conservatism, Anarchism. USA: Constitution & Congress.	
Business A-level	Types of market and methods of market research	How does supply and demand affect marketing decisions?	Planning an effective marketing strategy	Planning an effective marketing strategy	Managing people successfully Entrepreneurs and business aims	Entrepreneurs and business aims Preparing for end of year assessment
	Planning a business and raising finance	Financial planning	Profit	Paying the bills and managing resources	Ensuring quality and efficiency External factors that can affect a business	Preparing for end of year assessment

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Sociology	<p>Education: Class Differences in achievement (1/2) Ethnic Differences in achievement. Start Gender differences</p> <p>Families: Couples Childhood Theories of the Family Start Demography</p>		<p>Gender Differences in achievement The Role of Education Privatisation of Education Research Methods in Context</p> <p>Finish Demography Changing Family Patterns Family Diversity Families & Social Policy Research Methods</p>		<p>Crime & Deviance: Strain Theories (Exams week + prep)</p> <p>Beliefs: Theories of Religion (Exam week + Prep)</p>	
German	Nature Education	World of work Film studies 'Goodbye, Lenin!' (Plot and characters)	Music Film studies 'Goodbye, Lenin!' (background, techniques and themes)	Traditions Media	Revision	Independent research project
Spanish	<p>Teacher 1 Los cambios en la estructura familiar <i>Changes in family structure</i></p> <p>Teacher 2 La música <i>Music</i></p>	<p><i>Continue family and music</i></p> <p>Introduce Volver film Teacher 1: Plot and characters</p> <p>Teacher 2: Themes</p>	<p>Teacher 1: El mundo laboral The working world Volver – cinematic techniques</p> <p>Teacher 2: Los medios de comunicación Media Volver – continue themes</p>	<p>Teacher 1: El turismo Tourism Volver – revision</p> <p>Teacher 2: El papel de las costumbres y tradiciones Customs and traditions Volver – revision</p>	<p>Teacher 1: Introduction to independent research project Revision of themes</p> <p>Teacher 2: Exam techniques Revision of themes</p>	Revision, exams and feedback
PSCHE	<p>Health and wellbeing How can I look after my own mental health? Check for change cancer – How to check for male cancers (Movember) Knowing my rights Fake news and indoctrinated images Contraception Drug use Black history month Celebration LGBTQ diversity and inclusion</p>		<p>Relationships Consent Religion and relationships Gangs and county lines First Aid Safety online Driving Safety</p> <p>Living in the wider world How to use Unifrog</p>		<p>Relationships Alcohol Building a positive image online for employers Data protection Trade unions Extremism</p> <p>Living in the wider world How to write a personal statement CV writing</p>	

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	Anti-bullying week assembly		Reflecting on 2020 and how it can affect your futures Planning your gap year Apprenticeships and training Roles in the NHS Roles in STEM The LPGS Next steps program		How does student finance work and can I afford University?	