

Year 11 Curriculum Overview							
		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	
CORE CURRICULUM	English Language	GCSE English Language is delivered in cycles of 10 lessons, alternating focus between Paper 1 and Paper 2 skills and knowledge.					
		<b>Cycle 1 - Paper 1</b> Introduction to reading and writing fiction	<b>Cycle 2 - Paper 2</b> Introduction to reading and writing non-fiction	<b>Cycle 3 - Paper 1</b> Developing responses to fiction	<b>Cycle 4 - Paper 2</b> Developing responses to non-fiction	<b>Cycle 5 - Paper 1</b> Refining reading and writing fiction	<b>Cycle 6 - Paper 2</b> Refining reading and writing non-fiction
	Maths	In Year 11, students recap and revisit all topics covered previously. For Foundation Tier students, all topics have been covered in Years 7-10 and therefore this is a case of recapping and extending where necessary. For Higher Tier students, there will be extension and coverage of previously untaught topics.					
	Further Maths	Students aiming for Grade 7+ in Maths attend an additional lesson and have the option of being entered for a GCSE in Further Maths.					
		Factor theorem, function notation/ domain/ range, further domain/ range	<b>Matrices</b> - scalar multiplication, multiply matrix by matrix, single/combined transformations, identity and zero matrix	<b>Trigonometry</b> - solving equations, identities, <b>differentiation</b> - language, rearranging fractions, increasing/ decreasing, tangents and normals	<b>Differentiation</b> - stationary points, max/min problems, <b>simultaneous equations</b> - 3 unknowns	<b>Circles</b> - centres, completed square form, <b>sequences</b> - quadratic, limiting values	
	Combined Science	All Yr 11 students will follow the Combined Science curriculum covering three areas of Science for a Double GCSE Award in Science, unless they opt for Separate Science where additional content will be covered for three separate					
	Chemistry	<b>Groups, rate and energy</b> - temperature change, exothermic/ endothermic reactions, energy changes in reactions	<b>Electrolytic processes</b> - molten compounds, solutions, using electrolysis, <b>reversible reactions</b> - the Haber process	<b>Revision of all topics in preparation for examinations</b>			
	Biology	<b>Ecosystems and material processes</b> - interactions between organisms, investigating ecosystems, human impact on biodiversity and conservation, carbon cycle, nitrogen cycle, water cycle					
Physics	<b>The particle model</b> - density, energy and changes of state, energy calculations, gas temperature and pressure	<b>Forces and matter</b> - bending and stretching, extension and energy transfers, <b>electromagnetic induction</b> - transformers					
PE	Yr 11 students will have access to a range of sports and activities throughout the year, with opportunities to develop confidence, apply physical skills and engage in cooperative and competitive activity with others.						
		<b>Football, rugby, gymnastics, netball, basketball, badminton, dodgeball, fitness, longball, handball, hockey</b>	<b>Football, rugby, gymnastics, netball, basketball, badminton, dodgeball, fitness, longball, handball, hockey</b>	<b>Football, rugby, gymnastics, netball, basketball, badminton, dodgeball, fitness, longball, handball, hockey</b>	<b>Football, rugby, gymnastics, netball, basketball, badminton, dodgeball, fitness, longball, handball, hockey</b>	<b>Dodgeball, fitness, longball, cricket, rounders, softball, tennis, athletics</b>	
Separate Science	Students opting for Separate Science will study for three GCSEs in Chemistry, Physics and Biology respectively.						
	Chemistry	<b>Fuels and atmosphere</b> - hydrocarbons/ crude oil/ natural gas, fractional distillation, alkanes, combustible fuels, the changing atmosphere, climate change, pollution	<b>Organic chemistry</b> - alkanes and alkenes, ethanol and alcohols, carboxylic acid, polymerisation	<b>Revision of all topics in preparation for examinations</b>			
	Biology	<b>Ecosystems and material processes</b> - interactions between organisms, investigating ecosystems, energy efficiency and transfer, human impact on biodiversity and conservation, food security, carbon cycle, nitrogen cycle, water cycle, decomposition					
	Physics	<b>Electromagnetic induction</b> - the National Grid, transformers and energy, <b>the particle model</b> - density, energy and changes of state, energy calculations	<b>Forces and matter</b> - gas temperature/ pressure/ volume, bending and stretching, extension and energy transfers, pressure in fluids, upthrust				
	Computer Science	Students studying Computer Science will cover the same topics as taught in Year 10, but using different learning resources to draw upon and build on prior learning and achieve greater depth of knowledge and understanding.					
	<b>Hardware</b> - input/output devices, memory, storage, CPU, SSDs, motherboard, computer architecture and storage, <b>logic</b> - binary/denary, binary/hex, logic gates, and/or/not, <b>software systems</b> - operating systems, firewalls, encryption, defragmentation	<b>Ethical, legal, cultural and environmental issues</b> - hardware disposal, exposure to chemicals/materials, religious/cultural problems, Government surveillance, VPNs for security, phishing/pharming and internet dangers	<b>Programming</b> - Python skills and commands (if, else, elif, print, input), iteration, sequence, selection, data constructs, string manipulation lists, arrays, data dictionaries	<b>Computational thinking</b> - pattern recognition, abstraction, decomposition, algorithm development	<b>Robust programming</b> - considerations of software design, minimising security risks, testing, software lifecycle	<b>Networks and networking</b> - wired and wireless networks, protocols and protocol stacks, networking equipment, types of networks, topology, packet switching, the internet and its protocols	

at least one as a compulsory option

EBACC SUBJECTS - Students select	History	<b>Viking Expansion, c.750 - 1050: Scandinavian homelands</b> - landscape, society and life, Viking ships, trade, beliefs and rituals, <b>Volga vikings</b> - settlement and trade with Arab world, Constantinople and Byzantine Empire, <b>raiders and invaders</b> - Britain, Ireland, Scottish Islands and France, warfare, warriors, tactics, the 'Great Heathen Army' and the Danelaw, <b>settlers</b> - Iceland, Greenland, North America, <b>Viking Kings</b> - Harald Bluetooth, Jelling, conversion to Christianity, Svein Forkbeard and invasion of England, Cnut's Anglo-Scandinavian Empire		<b>Revision of all topics in preparation for examinations</b>		
	Geography	<b>The living world: ecosystems</b> - small scale ecosystems - UK, food webs and chains, global distribution, <b>tropical rainforests</b> - Malaysian rainforest case study, structure, plants and animals, threats to rainforest, deforestation, sustainable uses e.g. selective logging, ecotourism, <b>hot deserts</b> - Thar desert case study, structure, plants and animals, mining and energy, causes and prevention of desertification		<b>Pre-release material preparation (12 weeks pre-exam)</b> - study of resources which could include maps, scale diagrams, graphs, statistics, photographs, satellite images, sketches, extracts from published materials etc., <b>revision of all topics in preparation for examinations</b>		
	French	<b>Global issues</b> - environment, poverty, discussing problems and solutions, social issues, inequality, modal verbs ( <i>pouvoir/falloir/devoir</i> ), using <i>si</i> and the conditional mood	<b>Current studies</b> - comparing school life in Britain and France, using comparatives and superlatives	<b>Future studies and careers</b> - discussing future options and job preferences, expressing wishes, revision of <i>si</i> and <i>quand</i> used in the conditional	<b>Preparation for speaking exam</b> - practise role-play scenarios, identify favourite theme for discussion, sharpen responses to questioning	<b>Revision of all topics in preparation for examinations</b> - practise listening and writing exercises, revision of all tenses
	Spanish	<b>My studies</b> - school and school subjects, the school day, imperatives, personal a	<b>Life at school</b> - comparing school life in Britain and Spain, school rules, good and bad aspects, using comparatives and superlatives, verbs that take the infinitive	<b>Future studies</b> - discussing future options and study, <i>lo que</i> + adjective, expressions with <i>tener</i> , present subjunctive	<b>Jobs, careers and ambitions</b> - applying for jobs, job preferences, using a variety of tenses	<b>Preparation for speaking exam</b> - practise role-play scenarios, identify favourite theme for discussion, sharpen responses to questioning
their four options	Animal Care	<b>Animal health</b> (Unit 1 examined unit) - signs of good and ill health, common diseases (causes, transmission, treatment), signs and symptoms of common parasites (prevention and treatment)		<b>Individualised programme of study</b> - depending on outcomes of unit 1 January exam, students either prepare to re-sit the unit 1 exam in June or undertake personalised work in support of their preparation for other GCSE subjects		
	Art	<b>Project Work</b> (titles change and evolve each year) - currently ' <b>Altered State</b> ' and ' <b>Who are you?</b> ' - revisiting observational drawing and different media e.g. pencil/pen/watercolour/pastel/acrylic, revisiting print methods, textile techniques, artist research and individual enquiry, planning individual outcomes, experimenting with techniques, tying together ideas		<b>Preparation for examination</b> - observational drawing mock exam, preparation of portfolio of topic and artist research, planning, experimentation and photography		<b>Final preparation and exam (10 hours)</b>
	Business Studies	<b>Business theory</b> (RO64 examined unit) - marketing techniques, product development and viability, small business ownership, functional activities		<b>Individualised programme of study</b> - depending on outcomes of January exam, students either prepare to re-sit exam in June or undertake personalised work in support of their preparation for other GCSE subjects		
	Construction and the Built Environment	<b>Construction Technology (Unit 1)</b> - structural performance for low-rise construction, explore how sub-structures and super-structures are constructed	<b>Construction Design (Unit 3)</b> - understanding the construction industry, client needs and brief for low-rise construction, sketch ideas	<b>Exploring brickwork and blockwork techniques and principles (Unit 6)</b> - understanding tools, equipment and materials for brickwork and blockwork, practical skills and safe techniques	<b>Exploring painting and decorating techniques and principles (Unit 7)</b> - understand tools, equipment and materials, safe techniques to complete surface preparation tasks and apply surface finishes	<b>Exploring electrical techniques and principles (Unit 9)</b> - understand tools, equipment and materials for electrical operations, safe techniques and practical skills
	Dance	<b>Choreography to a given brief (Component 3 mock)</b> - responding to stimulus, working as a group, generating themes, physical and interpretative skills, applying choreographic devices, performance (Dance Platform) and evaluation		<b>Practitioner workshops</b> - a series of lessons focusing on choreographers from different dance backgrounds, collaborations and cultures, <b>pre-release brief for component 3</b> - research, improvisation and motif development	<b>Choreography to a given brief (Component 3)</b> - responding to pre-release brief stimulus, working as a group, generating themes, physical and interpretative skills, applying choreographic devices	<b>Refining performance</b> - developing costume ideas, rehearsal and final examination
	Drama	<b>Study of Live Production</b> - revision of live production seen, practice of scenes from the play, review design aspects and directorial decisions, practice exam questions, rehearsal	<b>Texts in practice</b> - choosing of texts through reading and researching a range of plays, identification of extracts to perform, research of social and historical context, staging ideas	<b>Preparation for mock exams</b> - exploring and developing character, rehearsal, revision/preparation/feedback from mock exam	<b>Practical examination and performance</b> - improvements, technical effects, lighting and sound cues, dramatic intentions	<b>Final revision for written examination</b>
	Food Preparation and Nutrition	<b>NEA task 1 (released by exam board)</b> - research, investigation, analysis and evaluation, 3 hour practical exam	<b>NEA task 2 (released by exam board)</b> - investigating and planning, making final dishes, analysis and evaluation, 3 hour practical exam	<b>Revision of all topics in preparation for examinations</b> - revision of food nutrition and health, food science, food safety, food provenance, food choice		

OPTIONS SUBJECTS - students select up to three of these to complete 1	Graphic Products	<b>Completion of coursework brief (set by awarding body)</b> - core technical principles, specialist technical principles, designing and making principles, identifying and investigating design possibilities, creating a design brief and specification, generating/developing/realising design ideas, analysing and evaluating, production of prototype and portfolio of evidence				<b>Final revision for written examination</b>
	Hair and Beauty	<b>Basic pedicure</b> - beauty therapy Level 1 skills development		<b>Plaiting and twisting hair</b> - hairdressing Level 1 skills development		<b>Photographic make-up</b>
	Health and Social Care	<b>Health and wellbeing</b> - factors affecting health and wellbeing (diet/exercise/healthy eating), interpreting and explaining health indicators (blood pressure, BMI, lung capacity), developing person-centred health and wellbeing plans (long and short term targets and barriers)				
	Media Studies	<b>TV Crime Drama</b> - contexts associated with media products, understanding of differences between two media products from the mid 1960s and 2010s, focus on social/historical/cultural/political differences, case study texts: The Avengers and Cuffs		<b>The news: newspapers</b> - historic and contemporary front covers (The Observer), media language, representations, contemporary newspaper industry	<b>The news: online</b> - in depth study of online news, (The Observer) social and participatory media	<b>Revision of all topics in preparation for examinations</b>
	Music	<b>Traditional Music</b> - focused listening exercises, features of style, <b>solo performance and recital, set brief composition task</b> - explore briefs, choose task and write a composition plan	<b>Western classical tradition (1910 onwards)</b> - focused listening exercises, features of style, <b>ensemble performance and recital, develop compositional ideas</b>	<b>Western classical tradition (1650-1910)</b> - focused listening exercises, features of style, revision of Haydn's Clock Symphony, <b>develop compositional ideas</b>	<b>Popular Music</b> - focused listening exercises, features of style, <b>completion and recording of composition</b> - accompanying programme notes	<b>Revision of all topics in preparation for examinations</b>
	Students opting for PE in KS4 will be coursed appropriately for either GCSE PE, BTEC Sport or Vcert Health and Fitness depending upon sporting and academic ability					
	PE (GCSE)	<b>Analysis of performance</b> - AEP coursework, <b>practical moderations</b> - rugby, football, netball	<b>Socio-economic issues and sports psychology</b> - engagement patterns of different social groups, commercialisation of physical activity and sport, socio-cultural and ethical issues, <b>practical moderation</b> - hockey, basketball	<b>Exam preparation and practical moderation (external)</b>		
	BTEC Sport	<b>Fitness for Sport and Exercise</b> - components of fitness and principles of training, different fitness training methods, fitness testing to determine fitness levels		<b>Applying the principles of personal training</b> - designing personal training programmes, the body systems and how they respond to fitness and training, my training diary, training for success, programme review		
	Health and Fitness (VTCT)	<b>Goal setting, health and safety</b>	<b>Fitness programmes</b>	<b>Synoptic assessment (coursework)</b>	<b>Revision of all topics in preparation for examinations</b>	<b>Additions to coursework</b>
	Photography	<b>Individual topic choice</b> - continued from end of Year 10, extension and portfolio completion	<b>Individual topic choice</b> - development and final piece creation, portfolio completion and contextualising	<b>Final exam</b> - research and experimentation	<b>Final exam</b> - development and final piece planning	<b>Final preparation and exam (10 hours)</b>
	Product Design	<b>Completion of coursework brief (set by awarding body)</b> - manufacture a working prototype using a range of materials, wood and plastic, use of hand and machine tools, applying finishes, using CAD/CAM to manufacture prototype, evaluating design and producing planning, using technical drawings, completion of portfolio of evidence				<b>Final revision for written examination</b>
	Public Services	<b>Careers in Public Services</b> - jobs in public services, entry criteria, skills and qualities, preparing for interview	<b>Equality</b> - the Equalities Act, understanding issues of identity, understanding equality/ discrimination/ diversity/ integration	<b>Health and Safety</b> - basic health and safety legislation, applying health and safety to public services	<b>Health and hygiene</b> - awareness of hygiene, effects of poor hygiene, knowledge of good hygiene, links to public services	<b>Fitness</b> - fitness requirements for public services, fitness tests, training methods
	RE (GCSE)	<b>Ethics in the modern world from a Christian perspective</b> - relationships and families, attitudes/purpose of marriage, civil partnerships/same-sex marriage, co-habitation, celibacy, contraception, abstinence, divorce, roles of men and women, equality, slavery	<b>The existence of God</b> - nature of God, Trinity, God's relationship with humanity, evil and suffering, nature of reality, arguments for God's existence, conversion, miracles, sacraments	<b>Religion, peace and conflict</b> - violence, terrorism, Islamic extremism, Just War theory, Holy War, attitudes to war, value of peace, pacifism, forgiveness, reconciliation, justice/ injustice	<b>The role of religion in society</b> - the Monarchy, role of religion in politics, humanism, atheism, agnosticism, secularisation, religious and secular values in education, medical ethics (euthanasia, abortion, genetic manipulation) exclusivism/inclusivism	<b>Revision of all topics in preparation for examinations</b>
	Textiles	<b>Fashion design project</b> - communicating ideas in 3D, explore 3D visual language and working practices, investigating how artists/craftspeople/designers communicate in 3D, responding to design brief and specification, analysing designer work, sketches, patterns, decorative techniques, designs and evaluation			<b>Practical exam unit - Creative Project in Art and Design (externally set task)</b> - primary and secondary research, designing and prototyping, experimentation and use of materials, critical and creative problem solving	

Occupational Skills	<b>Working with others</b> - teamwork, problem solving, communication, trust, sharing ideas and roles	<b>Healthy lifestyles and personal well-being</b> - exercise, diet, drug abuse, relationships, mental health, e-safety	<b>Action planning to improve performance</b> - setting targets, recognising personal areas of strength and development both within and outside of college	<b>Workplace and vocational skills</b> - identifying and researching potential study and career pathways, possible work placements	<b>Community studies and local history</b> - gain knowledge of Bodmin and surrounding area, significant history and geographical factors, future developments	<b>Managing money and personal finance</b> - managing a budget, understanding financial concepts e.g. tax, savings, , payslips, bank accounts, credit
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<b>PASTORAL</b>	Careers	<b>Exploring post-16 options, Sixth Form Open Evening and Sixth Form visit</b>	<b>Tutor time - CV and apprenticeship workshops, Sixth Form applications</b>	<b>Careers Fair - January, Sixth Form interviews</b>		
	One to one careers guidance interviews run across the year, as well as Exeter University mentoring.					
		<b>CV and Personal Statement writing, developing study habits - purpose, determination, focus, English and Maths revision.</b>	<b>CGP Revision programme, interview techniques - overcoming fear and anxiety, GCSE revision and preparation</b>		<b>Study skills and revision, preparations for Prom and Leavers</b>	