

Year 11	Autumn term	Spring term	Summer term
English	Drama Text: 'An Inspector Calls.' (Sept – Oct.) Assessment – Drama text. Anthology poetry – Hawk Roosting and Ozymandias. Unseen poetry Revision for Language and Literature exams. (Language exam a walking talking mock to address timing issues.)	Structured revision programme for Language and Literature. Each week should include a timed response. March Literature exam.	Structured revision programme – continued. Exams.
Maths	Module 7 <ul style="list-style-type: none"> • Growth and decay • Bounds • Functions • Algebraic fractions (Higher only) • Inequalities • Iteration (Higher only) • Proportion • Circle theorems proofs (Higher only) • Right angled trigonometry • Non-right-angled trigonometry (Higher only) Module 8 <ul style="list-style-type: none"> • Further quadratics • Simultaneous equations • Shape transformations • Congruency and similarity • Loci and constructions • Circumference and area 	Module 9 <ul style="list-style-type: none"> • Volume 2 • Length, area and volume scale factors • Graphs and graph transformation • Vectors Module 10 <ul style="list-style-type: none"> • Proof • Area under a Graph and Gradient of curve (Higher only) • Equation of circle and tangent (Higher only) 	
RE	Life & Death <ul style="list-style-type: none"> • Religious symbolism • Afterlife • Eschatology 	Sin & Forgiveness <ul style="list-style-type: none"> • Crime & punishment • Artefacts • Evangelisation 	
Biology	B8.1 Photosynthesis	B12.2 Removing waste products.	B15.5 Evidence for evolution

	<p>B8.2 The rate of photosynthesis. B8.3 How plants use glucose. B8.4 Making the most of photosynthesis. B9.1 Respiration – Aerobic respiration. B9.2 The response to exercise. B9.3 Anaerobic respiration. B9.3 Anaerobic respiration. B9.4 Metabolism and the liver 10.1 The human nervous system – B10.1 Principles of homeostasis. B10.2 The structure and function of the human nervous system. B10.3 Reflex actions. B10.4 The Brain B10.5 The Eye B10.6 Common problems of the eye. 11.1 Hormonal coordination – B11.1 Principles of hormonal control. B11.2 The control of blood glucose levels. B11.3 Treating diabetes. B11.4 The role of negative feedback. B11.5 Human reproduction. B11.6 Hormones and the menstrual cycle B11.7 The artificial control of fertility. B11.8 Infertility treatments. B11.9 Plant hormones and responses B11.10 Using plant hormones. B12 Homeostasis in action – B12.1 Controlling body temperature.</p>	<p>B12.3 The human kidney. B12.4 Dialysis – an artificial kidney B12.5 Kidney transplants. B13 Reproduction : B13.1 Types of reproduction. B13.2 Cell division in sexual reproduction – gametes/meiosis/variation. B13.3 The best of both worlds. B13.4 DNA and the genome. B13.5 DNA structure and protein synthesis. B13.6 Gene expression and mutation. B13.7 Inheritance in action. B13.8 More about genetics. B13.9 Inherited disorders. B13.10 Screening for genetic disorders. B14 Variation and evolution: B14.1 Variation B14.2 Evolution by natural selection. B14.3 Selective Breeding B14.4 Genetic Engineering B14.5 Cloning B14.6 Adult Cell Cloning B14.7 Ethics of genetic technologies. B15.1 Genetics and evolution B15.2 Theories of evolution. B15.3 Accepting Darwin’s ideas. B15.4 Evolution and Speciation.</p>	<p>B15.6 Fossils and extinction B15.7 More about extinction B15.8 Antibiotic resistance B15.9 Classification B15.10 New systems of classification B16 Adaptations, interdependence and competition: B16.1 The importance of communities. B16.2 Organisms in their environment. B16.3 Distribution and abundance. B16.4 Competition in animals. B16.5 Competition in plants. B16.6 Adapt and survive. B16.7 Adaptation in animals. B16.8 Adaptations in plants B17 Organising and ecosystem. B17.1 Feeding relationships. B17.2 Materials cycling B17.3 The Carbon Cycle B17.4 Rates of decomposition B18 Biodiversity and ecosystems: B18.1 The human population explosion. B18.2 Land and water pollution B18.3 Air pollution B18.4 Deforestation and peat destruction. B18.5 Global Warming. B18.6 The impact of change. B18.7 Maintaining biodiversity B18.8 Trophic levels and biomass. B18.9 Biomass transfers B18.10 Factors affecting food security. B18.11 Making food production efficient. B18.12 Sustainable food production.</p>

Physics	Motion Forces and motion Forces and pressure		Wave properties Electromagnetic waves Light		Electromagnetism Space	
Chemistry	<u>GCSE ctd</u> <ul style="list-style-type: none"> • Rate and concentration or pressure • Rate and catalysts • Reversible reactions • Energy and reversible reactions • Dynamic equilibria • Altering conditions 	<u>GCSE ctd</u> <ul style="list-style-type: none"> • Hydrocarbons • Fractional distillation • Burning hydrocarbons • Cracking • Reactions of alkenes • Alcohols, carboxylic acids and esters • Addition polymerisation • Condensation polymerisation • Natural polymers • DNA 	<u>GCSE ctd</u> <ul style="list-style-type: none"> • Pure substances • Analysing chromatograms • Testing for gases • Testing for positive and negative ions • Industrial methods • The history of the atmosphere • The evolving atmosphere • Greenhouse gases • Climate change Atmospheric pollutants	<u>GCSE ctd</u> <ul style="list-style-type: none"> • Finite and renewable resources • Making water safe to drink • Treating sewage • Extracting metals from ores • Lifecycle assessments • Reduce reuse recycle • Rusting • Useful alloys • Polymers • Glass, ceramics and composites Haber Process	<u>GCSE ctd</u> <ul style="list-style-type: none"> • Fertilisers • Making fertilisers in industry 	
History						
Geography						
French	Theme 2:Local, national, international and global areas of interest Theme 3:Current and future study and employment School & Healthy Living	Theme 3:Current and future study and employment Jobs and Work preferences Plans, hopes and wishes	Theme 2:Local, national, international and global areas of interest Problems facing the world	Revision Programme Oral Exam	AQA Listening, Reading and Writing Exam	

			Protecting the environment			
Spanish	Talking about a special occasion music festival. Talking about food. Exam techniques	Work experience and describing a job, including their ideal job. Talking about a gap year. Future and conditional tenses combined. Mock exam feedback and target setting. Revision booklets	The environment, global issues. Combining 3 tenses. Exam techniques.	Speaking exam focus. Revision booklets Past papers	GCSE speaking exam in May	Talking about a special occasion music festival. Talking about food. Exam techniques
PE	Component 4- Personal Exercise Programme Paper 1- Applied anatomy and Physiology 1.1 The structure and functions of the musculoskeletal system 1.2 The structure and functions of the cardiorespiratory system 1.3 Anaerobic and aerobic exercise 1.4 The short- and long- term effects of exercise 4.1 Use of data Practical activities- Netball, badminton and athletics and any other further activities to be individually covered		Paper 1- Physical training 3.4 The long-term effects of exercise 3.5 How to optimise training and prevent injury Paper 2- Socio-cultural influences 3.1 Engagement patterns of different social groups in physical activity and sport 3.2 Commercialisation of physical activity and sport 3.3 Ethical and socio-cultural issues in physical activity and sport 4.1 Use of data Practical activities- full preparation for practical examination		Revision and exams	
Music						
DT						
Food						
Art						
Drama	Component 3 - Script	Component 3 - Script	Revise Component 1 (Sec A&B) Noughts & Crosses	Revise Component 1 (Sec A&B) Noughts and Crosses	Component 1 Live Theatre	Component 3 - Script
HSC	Component 3 Health and Wellbeing. Factors that affect health and wellbeing. Interpreting health indicators.	Health and Social Care Services and Values. Understand the different types of services and	Component 2A coursework. Demonstrating care values and	Component 2B coursework. Component 3 person-centred	External Examination for Component 3.	N/A

		barriers to accessing them. Component 2A coursework.	reviewing own practice. Component 2B coursework.	health and wellbeing improvement plans. Revision for Component 3 examination.		
Business	Planning for and Pitching an Enterprise Activity	Planning for and Pitching an Enterprise Activity / Promotion and Finance for Enterprise	Planning for and Pitching an Enterprise Activity	Planning for and Pitching an Enterprise Activity	Planning for and Pitching an Enterprise Activity	
IT	<p>BTEC Digital Award Component 2 <i>Collecting, Presenting and Interpreting Data</i> (Coursework)</p> <p>Assignment 1 Impact of using data on individuals and organisations. LLA</p> <p>Computer Science <i>Controlled assessment preparation/skills/knowledge</i> 2.2 Programming.</p> <p>FUNCTIONAL SKILLS Revisit skills following summer holiday break.</p>	<p>BTEC Digital Award Component 3 <i>Effective Digital Working Practices Examination</i></p> <p>SKILLS AND KNOWLEDGE Review of Learning Aims A & B Teaching of Learning Aim C/D Ethical/Legal Practices Data Flow Diagrams</p> <p>Computer Science <i>Controlled Assessment preparation</i> 2.2 Programming.</p> <p>FUNCTIONAL SKILLS LA TO ASSESS INTERNALLY</p>	<p>BTEC Digital Award Component 3 <i>Effective Digital Working Practices Examination</i></p> <p>(Exam Feb 2020) Revision of Component 3 Review of Learning Aims A, B, C,D</p> <p>Computer Science <i>Controlled Assessment 20hrs total</i> 2.6 Data representation Component 1/2 revision</p>	<p>BTEC Digital Award Component 2 <i>Collecting, Presenting and Interpreting Data</i> (Coursework)</p> <p>Assignment 2 Create a dashboard for using data using manipulation tools LLB</p> <p>Computer Science <i>Controlled Assessment 20hrs completion.</i> 2.6 Data representation Component 1/2 revision</p> <p>FUNCTIONAL SKILLS LA TO ASSESS INTERNALLY</p>	<p>BTEC Digital Award Component 2 <i>Collecting, Presenting and Interpreting Data</i> (Coursework)</p> <p>Assignment 3 Draw conclusions and review data presentation methods LLC</p> <p>Computer Science <i>Component 1/2 revision</i></p> <p>FUNCTIONAL SKILLS</p>	<p>BTEC Digital Award Component 2 <i>Completion of component 2 coursework</i></p> <p>Component 3 <i>Effective Digital Working Practices (Exam resit May 20)</i> Review of Learning Aims A, B, C,D</p> <p>Computer Science <i>Component 1/2 revision</i></p> <p><i>Examination Component 1 – 6/2021 Component 2 – 6/2021</i></p>

		MFY TO VERIFY Work on skills, knowledge weaknesses following assessment	FUNCTIONAL SKILLS LA TO ASSESS INTERNALLY MFY TO VERIFY Work on skills, knowledge weaknesses following assessment	MFY TO VERIFY Work on skills, knowledge weaknesses following assessment	LA TO ASSESS INTERNALLY MFY TO VERIFY Work on skills, knowledge weaknesses following assessment	FUNCTIONAL SKILLS LA TO ASSESS INTERNALLY MFY TO VERIFY Work on skills, knowledge weaknesses following assessment
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