



# Programme of Learning for Year 11 – Autumn Term

RE	English	Maths	BTEC Performing Arts	Language	PE (GCSE)
<p><b>APPLIED CATHOLIC THEOLOGY – SIN &amp; SALVATION</b></p> <p>Crime Sin and Morality, Purpose of punishment, Capital Punishment, Catholic Church Teaching on Capital Punishment, Forgiveness, Salvation History, Grace &amp; Freedom, God &amp; Hell, Easter (Salvation), Nature of the Church, Membership of the Church, Importance of Mary for Christians, Mary as model disciple, Body of Christ, Features of a Church, Sacraments, Eucharist, Evangelisation.</p>	<p><b>LITERATURE</b></p> <p>Re-cap Character, plot and themes in all set texts.</p> <p><b>LANGUAGE</b></p> <p>Explorations in Creative reading and writing. Explore writers' Viewpoints and perspectives. Discussion of various fiction sources. Plan and deliver the Spoken Language Endorsement.</p>	<p><b>HIGHER</b></p> <p>Geometry and Measures, Linear and Quadratic Equations and their Graphs, Further Algebra, Direct and Inverse Proportion, Inequalities, Algebraic Fractions, Equations of a Circle, Vectors.</p> <p><b>FOUNDATION</b></p> <p>Volume, Algebra, Algebra and Graphs, Sketching Graphs, Direct and Inverse, Proportion, Trigonometry, Solving Quadratic Equations.</p>	<p><b>COMPONENT 3</b></p> <p>Preparation for external assessment. Know about genre, style, stimuli and the different stimuli that can be used to inspire ideas. Knowledge of and be able to use existing repertoire and selected practitioners.</p>	<p><b>FRENCH: JOBS, CAREERS, AMBITIONS</b></p> <p>Future career plans. Describing jobs in different tenses. Work experience/part-time jobs/chores.</p> <p><b>FRENCH: GLOBAL ISSUES</b></p> <p>Environmental problems. How to protect the environment.</p> <p><b>SPANISH: INTERESTS</b></p> <p>Talking about different jobs. Discussing job preferences. Talking about how you earn money. Talking about work experience. Talking about languages and travel. Applying for a summer job. Discussing plans for the future.</p> <p><b>SPANISH: LIFE</b></p> <p>Describing types of houses. Talking about the environment. Talking about healthy eating. Discussing diet-related problems.</p>	<p>The Principles of Training and application to Personal Exercise Programmes. How to optimise training and prevent injury. Effective use of warm up and cool down. Personal Exercise Programme (PEP).</p>
<p><b>iMedia</b></p> <p><b>COURSEWORK PREPARATION</b></p> <p>Students will prepare for exam by recapping previous knowledge taught in all units. Be able to identify properties and limitations of file formats for images/video. Understand naming conventions for files. Be able to review pre-production documents.</p>	<p><b>Food Technology</b></p> <p>Research, plan and carry out an investigation into the working characteristics, functional &amp; chemical properties of ingredients. Record results from investigation using charts, graphs, tables, sensory testing &amp; annotated photographs. Explain how results of each investigation should be used to form the next stage of investigation with reasoning. Analyse &amp; interpret the results of investigative work. Analyse a task &amp; carry out research on a life stage/dietary group or culinary tradition. Demonstrate a range of technical skills. Plan a final menu for chosen life stage/dietary group or culinary tradition. Prepare, cook &amp; serve three dishes in a three-hour session. Analyse and evaluate final menu.</p>		<p><b>BTEC Health &amp; Social Care</b></p> <p><b>HEALTH AND WELLBEING</b></p> <p>Know and understand the factors that affect health and wellbeing, the physiological and lifestyle indicators, and how to design a health and wellbeing improvement plan.</p>		<p><b>PE Core</b></p> <p>Active participation to promote lifelong physical activity. Understanding of the benefits of a healthy lifestyle.</p>
			<p><b>BTEC Child Development</b></p> <p><b>SUPPORTING CHILDREN PLAY, LEARN &amp; DEVELOP</b></p> <p>Know about adaptations that may need to be made to activities for children in order to support learning and development, promote inclusion and be aware of the role of the adult in managing safe environments. Know and understand how to adapt activities to include all children and promote inclusion.</p>		<p><b>History</b></p> <p><b>TRENCHES</b></p> <p>Battles of Ypres and other key battles. The range of weapons used in the First World War &amp; the range of illnesses and wounds a soldier could get. The chain of evacuation from trenches, how effective the evacuation route was and who was involved. Developments in Medicine due to the First World War.</p>
<p><b>PSHCE</b></p> <p>British Values: Growth mindset, constructive conversations with people of different values &amp; opinions, Empathy and perspective, Meta-cognition, open-mindedness, social cohesion. Relationship &amp; Sexual Education. Basic First Aid. Challenging offensive behaviour. Human Rights. Global challenges.</p>	<p><b>Art/Graphics</b></p> <p><b>MOCK EXAM PROJECT, FASTENERS PROJECT &amp; NATURAL FORM PROJECT</b></p> <p>Know and understand what should be done to successfully complete the projects and make amendments. Creating an appropriate canvas/ board outcome that links to chosen culture. Creating a series of printed outcomes that link to chosen culture. Creating an appropriate outcome that links to chosen artist: Georgia O'Keeffe – painting or Peter Randall -Page – 3D and provide a merged response linking to both</p>	<p><b>Drama</b></p> <p><b>TEXTS IN PRACTICE</b></p> <p>Know a range of texts and explore performance possibilities. Know how to identify key extracts for performance. Know how to use the text to help make production choices. Understand the concept of the different ways in which characters relate to one another. Understanding the text through use of physicality.</p>	<p><b>Science</b></p> <p><b>BIOLOGY</b></p> <p><b>(Combined and Triple)</b></p> <p><b>Inheritance, Variation &amp; evolution:</b> Types of reproduction, Cell division in sexual reproduction, DNA &amp; the genome, Inheritance in action, Inherited disorders, Screening for genetic disorders, Variation, Evolution by Natural Selection, Selective breeding, Genetic engineering, Ethics of genetic technologies, Fossils &amp; extinction, Antibiotic resistant bacteria, New systems of Classification. <b>Triple only:</b> DNA structure &amp; protein synthesis, Gene expression &amp; mutation, Evolution &amp; speciation, Selective breeding, Cloning.</p> <p><b>CHEMISTRY</b></p> <p><b>(Combined and Triple)</b></p> <p><b>Chemical analysis:</b> Pure substances and mixtures, Analysing chromatograms, Testing for gases. <b>Triple only:</b> R tests for positive ions, Tests for negative ions, Instrumental analysis, Rusting, Useful alloys, Properties of polymers, Glass, ceramic and composites, Making Ammonia - the Haber process, The economics of the Haber process, Making fertilisers,</p> <p><b>PHYSICS</b></p> <p><b>(Combined and Triple)</b></p> <p><b>Electromagnetism:</b> Poles of a magnet, Magnetic fields, Fleming's left-hand rule, Electric motors. <b>Triple only:</b> Loudspeakers, Induced potential, Uses of the generator effect, Microphones, Transformers, Using the transformer equation.</p>	<p><b>Geography</b></p> <p><b>FIELDWORK AND GEOGRAPHICAL APPLICATIONS</b></p> <p><b>HUMAN – URBAN ISSUES AND CHALLENGES</b></p> <p>Assess the extent to which natural increase affects urbanisation levels. How megacities grow &amp; how they differ across the world. How &amp; why the economy is changing in Lagos. The issues with infrastructure provision in Lagos, housing conditions, urban planners in Lagos. Analyse the distribution (pattern) of where people live. Describe location of Manchester, migration to Manchester, transport &amp; waste management. The value of regeneration projects. Evaluate building on greenbelt land. Urban development.</p>	<p><b>Media</b></p> <p><b>ONLINE SOCIAL &amp; PARTICIPATORY MEDIA</b></p> <p>Audience and social media. Zoella case study. Gaming as social media/audience. The Gaming industry/scale. Representation in gaming/Lara croft/Tomb Raider. Language analysis and representation. Hollywood language. Gaming language analysis.</p> <p><b>NEA PRACTICAL PRODUCTION</b></p>
<p><b>Design Technology</b></p> <p><b>FINAL NEA COURSEWORK PRACTICAL AND EVALUATION</b></p>		<p><b>Dance</b></p> <p><b>PERFORMANCE EXAM</b></p> <p>Know a range of technical, physical &amp; expressive skills. Know all the choreography of the set phrases and the duet performance. Develop the use of physical skill, action content, spatial content, and timing content of "Breathe", "Shift" and "making it your own".</p> <p><b>CHOREOGRAPHIC TASK</b></p> <p>Know how to create a piece of solo dance work. Develop knowledge of the techniques and terminology used to create and develop choreographic work.</p>		<p><b>Business Studies</b></p> <p><b>UNDERSTANDING EXTERNAL INFLUENCES ON BUSINESS</b></p> <p>Business stakeholders and their different objectives. Different types of technology used by business. How technology influences business activity in terms of: Sales, costs, marketing mix. Principles of consumer law: quality and consumer rights. Principles of employment law: recruitment, pay, discrimination, and health and safety. The impact of the economic climate on businesses: unemployment, changing levels of consumer income, inflation, changes in interest rates, government taxation, changes in exchange rates.</p>	<p><b>BTEC Business Enterprise</b></p> <p><b>RESEARCHING A CONCEPT FOR A NEW OR REVISED PRODUCT OR SERVICE</b></p> <p>Investigate how enterprise skills contribute to business success. Generate enterprise ideas using creativity techniques. Investigate market research for a selected enterprise idea</p> <p><b>PROMOTION AND FINANCE FOR ENTERPRISE</b></p> <p>Investigate the appropriateness of promotional methods for the enterprise idea. Produce a promotional plan for the enterprise idea. Produce a financial plan for the enterprise idea.</p>
<p><b>Music</b></p> <p><b>COMPOSITION, LISTENING &amp; PERFORMING</b></p> <p>Each student will compose two pieces: one composition must be in response to an externally set brief &amp; the other freely composed. Demonstrate: creative &amp; effective selection &amp; use of musical elements, appropriate selection &amp; use of musical elements (to the compositional intention), technical &amp; expressive control in the use of musical elements.</p> <p>Include at least two of rhythm, metre, texture, melody, structure, form &amp; at least two of harmony, tonality, timbre, dynamics, phrasing, articulation. Perform a solo and ensemble performance.</p>				<p><b>Computing</b></p> <p>System architecture: describe the fetch execute cycle &amp; the Von Neuman architecture (MAR, MDR, Program counter, Accumulator). Memory: the difference between RAM and ROM, the purpose of ROM &amp; RAM in a computer system, the need for virtual memory, &amp; describe flash memory. Storage: the need for secondary storage. Describe suitable storage devices &amp; storage media for a given application. The advantages &amp; disadvantages using characteristics: capacity, speed, portability, durability, reliability, cost. System security: Describe different forms of attack. Know threats posed to networks (malware, phishing, people, brute force attacks, denial of service, data interception, SQL injection, Recap. poor network policy. Identify &amp; prevent vulnerabilities (penetration testing, network forensics, network policies, anti-malware software, firewalls, user access levels, password and encryption).</p>	