

## Year 12 Curriculum Overview 2023-24

|                |            | Autumn 1   | Autumn 2  | Spring 1  | Spring 2   | Summer 1   | Summer 2  |
|----------------|------------|--|---|---|--|--|---|
| Communications | English    | Introduction to Tragedy: Greek, Roman, Shakespearean and Contemporary. Othello & Death of a Salesman.  | Othello and Death of a Salesman. Arthur Miller and Tragedy of the Modern Man.   | Keats: Lamia, la Belle, Eve of ST. Agnes and A Pot of Basil. Othello.   | Keats: Lamia, la Belle, Eve of ST. Agnes and A Pot of Basil. Othello.  | Introduction to Literary Theories. Introduction to NEA: Prose.   | NEA - Prose: Student Choice.  |
|                | French     | Heritage. Tourism. Culture. Adjectives. Extended Sentences. 'SI'.  | Contemporary Music. Feminine Presence. Music and Young People. Imperatives. Subjunctive. Identifying Opinions.                        | Users of Digital Technology. Forming the present tense. Figures and Statistics. Volunteering. Volunteer Sector in France. | Si sentences with imperfect conditional. Form and use of future tense. Service Civique. Voluntary work discussion. | Revision.  | Revision. Translations units.   |
|                | Spanish    | Changes in the family, attitudes towards marriage and divorce, the Catholic Church, Influence of : singers and musicians, tv and cinema stars, models. | Influence of the internet, smartphones and today's society, social media, Regional Identity : traditions and customs, food, languages | Woman in the world of work, Sexism and feminism, Gay and transgender rights, Pan's Labyrinth                              | Prehispanic civilisations and their legacy, art and architecture, music legacy, Pan's Labyrinth                    | Revision and exams, Immigration, Crónica de una Muerte Anunciada | Racism, Crónica de Una Muerte Anunciada, introduction to IRP  |
|                | EPQ        | Introduction, Project Types and titles and How to Research.  | Abstract. Introduction and the composition of a Literature Review.  | Referencing. Writing the body of the Dissertation.  | The Dissertation. The Presentation Fair and Reflection.  | Submission.  | N/A   |
|                | Media BTEC | Finance, Logistics, Regulations, Audience Theory and representation.   | Audience Theory, Analysing Film Sequences (3 Sequences to Analyze).   | Regulations, Genre Theory, Narrative Theory, Cinematography   | Composition, TV, Production Skills, Post-Production Skills   | Textual Analysis (Film), Music Video, Gaming                     | Representation Consolidation, Film Genre and Narrative Analysis and Comparison, Production Skills, Post-Production Skills |
|                | Film       | Intro, History of and terms of film. Old Hollywood, hitchcock  | Spectatorship, Auteurship, ideology and   | Ideology, Narrative and Sightseers. Modern American   | World Cinema - Del Toro and Pan's Labyrinth. American  | Ideology and Narrative - Danny Boyle &                           | NEA - short film production.  |

|             |               |   |   |   |   |  |  |
|-------------|---------------|---|---|---|---|--|--|
|             |               | and vertigo.  | Representation. Ridley Scott and Blade Runner.  | Film - La La Land.  | Independent Film - Captain Fantastic.   | Trainspotting. Short Film Collection (NEA Preparation).  |  |
| Mathematics | Maths         | Algebraic Equations, Graphs and Transformations, Straight Line Graphs. Quadratics. Equations and Inequalities. Algebraic Methods.             | Circles. Trigonometric Ratios. Trig Identities and Equations. Binomial Expansion. Algebraic Methods.                | Differentiation. Integration. Location and Spread. Representation of Data. probability. Correlation. Statistical Distributions. Hypothesis testing. | Statistical Distributions. Hypothesis testing. Regression and Correlation. Integration. Vectors. Exponentials and Logarithms.     | Vectors. Modelling in mechanics. Forces and Motion. Probability. The Normal Distribution.                        | Constant & variable Acceleration. The Normal Distribution.           |
|             | Further Maths | Complex Numbers. Algorithms. Argand Diagrams. Graph and Networks.   | Series. Roots of polynomials. Matrices. Algorithms on Graphs.   | Matrices. Linear Transformations. Travelling Salesperson. Route Inspection.   | Linear Transformations. Proof by Induction. Vectors. Linear Programming.  | Vectors. Volumes of Revolution. Complex Numbers. Simplex Algorithm. Critical Path Analysis.                      | Complex Numbers. Critical Path Analysis.                             |
|             | Business      | Markets. Supply. Price Elasticity. Staffing, Recruitment and Selection. Organisational Design. The Entrepreneur.                              | Product / Service Design/ branding and Promotion. Distribution. Marketing. Forms of Business. Exam Skills.          | Internal & External Finance. Liability. Planning. Sales. Capacity. Quality. Influences and Legislation.   | Break Even. Budgets. Profit. Liquidity. Business Failure. Competitive Environment. Revision and Skills.                           | External Influences. Investment Appraisal. Theories of Corporate Strategy. Revision and Exam Skills.             | Organic Growth. Quantitative Sales Forecasting. Revision.            |
|             | Economics     | Supply. Econ and Social Science. Price. Consumer and Producer Surplus. Possibility Frontiers. Free MARKets. Rational Decision Making. Demand. | Alternative views on consumer behaviour. Externalities. Public Goods. Information Gaps. Government. Market Failure. | Short and Long run AS. National Incomes. Economic Growth. Inflation. Employment & Unemployment. Consumption.  | Multiplier. Causes of Growth. Output Gaps. Trade Cycle. Demand Side Policies. Macroeconomics. Investment. Government Expenditure. | Exam technique. Demergers. Revenue. Profits. Business Growth. Costs.   | Research project. Efficiencies. Economies and Diseconomies of Scale. |
|             | BTEC Business | Features of Business. Stakeholders. Communication and Organisations. Marketing.   | External & Internal Environment. Competition and Situational Analysis. Marketing Campaigns.                         | Market Structures. Demand, Supply and Price. Function and Role of Money.  | Verification and Assessment Decisions. Current Accounts. Ways to Pay. Sampling.   | Recruitment of Staff. Ethical and Legal considerations. Job Applications. Accounting. Consumer Personal Finance. | NEA. types of Expenditure. Exam Skills.                              |
|             | Biology       | Cell Structure, Biological Molecules, Enzymes, Plasma membranes, Cell Division  |   | Maths skills, Exchange Surfaces, Transport in Animals, Transport in Plants, Classification and Evolution, Biodiversity                              |   | Revision, Immunity, Cellular Control, Ecosystems, Populations  |  |

|                         |                             |  |   |   |  |   |  |
|-------------------------|-----------------------------|--|---|---|--|---|--|
| Science                 | Chemistry                   | Atoms, ions and compounds, Amount of substance, Acids and redox, Electrons and bonding, Shapes of molecules and intermolecular forces, Basic concepts of organic chemistry, Alkanes, Alkenes, Alcohols |   | Periodicity, Reactivity trends, Enthalpy, Reaction rates and equilibrium, Haloalkanes, Organic synthesis, Spectroscopy                              |  | Structured revision, Project work introducing Year 13 content.  |  |
|                         | Physics                     | Waves, Combining waves, Practical Skills, Mechanics, Motion & its measurement, Newton's laws of motion, Materials, Work, Energy & Power.   |   | Particles and Nuclides, Fundamental particles, Momentum, Current electricity, Electrical Circuits. Electrons and energy levels, Particles of light. |  | Nuclear Research, Nuclear Presentations, Electricity and Circuits, Alternating Currents and Maths Skills Focus. |  |
|                         | Psychology                  | Social Psychology - Milgram, Obedience, Cognitive Psychology - Tulving, Memory, Dissent and Prejudice.   | Conflict Theory, Biological Psychology, Burger and Recreation Drug Taking Theories.                       | Brain Function, Aggression, Conditioning, Hormones and Behaviour. Brendgen.   | Correlation, Research Methods and Theory.  | Revision, Clinical Psychology, Issues and Debates in Psychology, Schizophrenia.                                 | Genetics and Psychology, Ethical and Criminal Concerns. Non Biological explanations. |
|                         | Health and Social care BTEC | Work of those in a Social care Setting, Rehabilitation and Personalised Care. Equality and Diversity. Skills.  | Attachment, Emotional Resilience, Ethical Issues and Legislation. Risk, Empowerment and HC Services.      | Roles and Responsibilities of organisations. Enabling Individuals to Overcome Challenges.   | Working Practices and Revision. Promoting Personalisation. Theories of Communication.        | Revision and Examination Technique. Agencies, Key Professionals and Managing Information.                       | Research. Unit 1- Respond and reflect.   |
| Sport & Performing Arts | Physical Education          | Physiological factors affecting performance<br>Applied Anatomy & Physiology (Skeletal, Muscular systems)   | Physiological factors affecting performance<br>Applied Anatomy & Physiology (cardio-vascular,             | Physiological factors affecting performance<br>Applied Anatomy & Physiology (Respiratory systems)   | Physiological factors affecting performance<br>Applied Anatomy & Physiology (Energy systems) | Physiological factors affecting performance<br>Applied Anatomy & Physiology (Energy & body systems)             | Physiological factors affecting performance<br>Exercise Physiology-Diet & Nutrition  |
|                         |                             | Psychological Factors affecting performance<br>Skill acquisition (Classification of skills & types of practice)  | Psychological Factors affecting performance<br>Skill acquisition (Types of practice & transfer of skills) | Psychological Factors affecting performance<br>Skill acquisition (Principle & theories & stages of learning)  | Psychological Factors affecting performance<br>Skill acquisition (Guidance)                  | Psychological Factors affecting performance<br>Skill acquisition (Feedback)                                     | Psychological Factors affecting performance<br>Skill acquisition (Memory models)     |
| Sport & Performing Arts | Sport BTEC                  | Socio-cultural issues in physical activity & sport (The emergence and evolution of Modern Sport)   | Socio-cultural issues in physical activity & sport (Sport post 1850 in Britain)                           | Socio-cultural issues in physical activity & sport(Sport in 20th Century Britain)   | Socio-cultural issues in physical activity & sport(Sport in 21st, globalisation of sport)    | Socio-cultural issues in physical activity & sport(Modern Olympic Games)  | Socio-cultural issues in physical activity & sport(Hosting global sporting events)   |
|                         |                             | CV System, Cardiac Control and breathing. Factors of Lifestyle and   | Skeletal Systems. Joints.   | Muscles and Joints.   | ATP. Energy Systems. Lactate System.   | Examination Preparation.  | Sectors in the Sports Industry. Legislation and                                      |

|           |            |   |  |  |  |  |   |
|-----------|------------|---|--|--|--|--|---|
|           |            | Impact on Sport.  |  |  |  |  | Careers.  |
|           | Music      | ASOB. Theory and Intro to Early Classical Symphonies. Introduction to Dictation.  | ASOB. Classical Symphonies: Haydn and Mozart.  | ASOB. Haydn 104, Movement 1 & 2.   | Introduction to 20th century Music. Haydn 104 Movement 3 & 4.  | Poulenc and Debussy Analysis. Classical to Romantic Music Tradition.   | 20th century Final Piece - Essay. Mendelssohn.  |
|           | Drama      | Component 1: Practitioner and Style (Practical exploration and accompanying Essay section)<br><br>Component 3: Section B Play Study (Equus by Peter Shaffer). Question: As a Performer. | Component 1: Practitioner and Style<br><br>(Practical exploration and accompanying Essay section)<br><br>Component 3: Section B Play Study (Equus by Peter Shaffer). Question: As a Performer. | Component 1: <i>Stimulus: The Visit</i><br><br>(Study of text, Practical application, and accompanying Essay section)<br><br>Component 3: Section B Play Study (Equus by Peter Shaffer). Question: As a Performer. | Component 1: Creation<br><br>(Practical creation of exam piece and accompanying Essay section)<br><br>Component 3: Section B Play Study (Equus by Peter Shaffer). Question: As a Designer. | Component 1: Piece Creation<br><br>(Practical creation of exam piece and accompanying Essay section)<br><br>Component 3: Section B Play Study (Equus by Peter Shaffer). Question: As a Designer. | Component 1: Final Exam Performance and Essay Submission.<br><br>Component 3: Section B Play Study (Equus by Peter Shaffer). Revision and Essay Practice. |
|           | Humanities | History   | Churchill in the Wilderness: India, Abdication, Rearmament. Churchill as PM 1940-45.<br><br>Bastille, Enlightenment, Constitutional Monarchy, and Flight to Varennes.                          | Churchill's relationships with others: Generals and, Roosevelt, Defeat in 1945, Stalin, De Gaulle, Austrian War and Robespierre. Ancien regime,  | Britain 1951-79<br><br>Bonaparte, Louis XVI, Bonaparte Leadership. Thermidorian Regime, Empire of France, Trafalgar, War against Britain and Russian Campaign                              | Britain 1979-97 and<br><br>. Campaigns 1813 - 1815, Napoleon Abdication, Hundred Days.   | NEA<br><br>Britain and USA, Europe and Empire.  |
| Geography |            | Coasts & Fieldwork, Jurassic Coast Studies, Place, Identity, representation and spatial variation.  | Deltas, Swanage Case Study, Dubai Case Study, Structural & Economic Change, Human Activity, Globalization, Docklands and Silicon Valley.   | Amazon Case Study, Water & Carbon, Arctic Case Study, Community Groups, Rebranding, FDI and Role of Transport.   | Extraction, Diurnal Changes and human changes. NEA planning.   | NEA: Indep. Investigation.   | NEA: Individual Investigation.  |
| Sociology |            | Marxist and Functionalist   | Feminism and the   | Marketisation, Research  | Ethics, Experiments  | Assessments. Revise  | Introductions to  |

|                  |                |   |  |   |  |   |   |
|------------------|----------------|---|--|---|--|---|---|
|                  |                | views on Education. Family type, structure alternatives and Structuralist views on the family. Childhood.                                   | Family, Darksides of the Family. Domestic Violence. Industrialisation. Social Class, Privatisation, Globalisation & Education. Gender and education. | Principles. Evaluations of content so far. Demography, Social Policy, Methods & Stages of Research.   | and Surveys. Home and Education, Parents and Education.  | and Recap. Skills. Ageing population. Foucault and Donzelot.  | Religion. Recapping Methodologies. An introduction to Crime and Deviance.   |
|                  | Politics       | Democracy and Participation<br><br>Voting systems   | Socialism<br><br>Liberalism  | Feminism<br><br>Conservatism  | Political parties<br><br>Voting behaviour and the media  | The constitution<br><br>Parliament  | Relationships between branches<br><br>Prime Minister and the executive  |
|                  | PSHE & Careers | University & Apprenticeship Pathways  | University & Apprenticeship Pathways & Unifrog   | Unifrog & Study Skills & RSE  | UCAS & Careers   | UCAS & Careers & Personal Development   | UCAS Applications   |
| Art & Technology | Product Design | End User, Product Analysis, Modelling and mechanisms (Practical), Research of Wider Issues. Information Analysis. Performance of Materials. | Forming & redistribution, The Use of Finishes, Prototyping, Manufacturing Specifications   | Modern and Industrial Scale of practice, Manufacturing diary, Digital Design and Manufacture.   | NEA - Requirements for Design and Development, Primary and Secondary Investigations, Rationale for Contest and map | Practical, First Concepts, Maintenance, repair and Disposal, Design Specifications, Feasibility and Project management.           | Innovation, Communication, User testing, Card Modelling and Physical Prototype.                                   |
|                  | Art & Design   | Intro to TTm Theme. Oil Pastels. Intro to Printing, Poly, Lino, Mono and transfer. Reduction painting.                                      | Reduction Printing. Ephemera Collage. Artist(s) Research. Year 12 Assessment Week.   | Initial Ideas. Final ideas. KAT Experimentation. Final Piece.   | Themes. Contact Sheets. Artist Research Sheets. Artist PP Creation.  | Hybrid of Artist work. Compare Artists. Develop and refine ideas. Experiment with Ideas. Artist Style and Composition Techniques. | Year 13 Project Planning and Research.  |
|                  | Computing      | Components - processor, Performance, Types, Input and Output Devices. Programming Techniques - Basics, Selection, Iteration, IDE & OOP.     | Systems - Functions, Types, Applications and Translators. Computational Thinking - Abstract, ahead, procedurally and Logically.                      | Software - Analysis, Algorithms, Paradigms and Assembly. Computational Thinking - Recognition, problem. Algorithms - Analysis, Design, Search and Sort. | Exchanging Data-Compression, Relational, SQL and Transactions. Algorithms - Sort Traversal, Graph Optimisation.    | Exam Preparation - Skills and Knowledge. NEA.   | NEA - First Draft Hand in. Data Structure - Arrays, Tuples, Queues, Lists, Stacks, Hash Tables, Graphs and Trees. |
|                  | IT BTEC        | Fundamentals: hardware, components connectivity and types of software.  | Data, Analysis, Legislation, Green IT, Software  | Risks, Impacts, Logical Protections, Project Lifecycles, Ethical  | NEA - Life Cycle, management and benefits. Training  | Exam Preparation..  | NEA Phase review, presentation. Product Design.   |

|  |  |  |   |   |         |  |  |
|--|--|--|---|---|---------|--|--|
|  |  | Global Information:<br>Holders, Storage, Internet,<br>Classification and Quality<br>Information. | protocols,<br>Networks,<br>Connectivity and<br>Systems. | Issues, Threats,<br>Physical and Digital<br>Security. | Guides. |  |  |
|--|--|--|---|---|---------|--|--|