

Yr 10	English	Maths	Science	BTEC Sport	History	Geography	French	Spanish	Tech Engineering	Food	Art	Graphics	Textiles	3D Design	Dance	Drama	Music	Personal Development	Computer Science	BTEC Digital Technology	Enterprise	Hair & Beauty
Aut 1	An Inspector Calls Power and Conflict Poetry	Foundation 4 Operations Rounding & Estimating Area, Perimeter, Surface Area & Volume Simplifying Substitution Expanding Factorising Solving Equations Rearranging Formulae FDP Conversions % of Amounts Reverse % Express as a %/Fraction Higher Rounding & Estimating Area, Perimeter, Surface Area, Volume Simplifying Substitution Expanding and Factorising Solving Equations Rearranging Formulae FDP Conversions Recurring Decimals % of Amounts Reverse % Express as a %/Fractions Exponential Growth & Decay Fractions Operations Factorising Quadratics	Trilogy Organisation/Atomic Structure/ Structure & Bonding / Energy Separate Sci Bio Organisation Chem – Structure and bonding Phys-Energy	Unit 2 – Practical Sport Performance	Medicine Medieval Medicine The importance of the church Beliefs on causes of illness Attempts to treat and prevent illness Providing care to the sick The Black Death (1348) Renaissance Medicine	Landscapes and Physical Processes Landscapes of the UK	Relationships Free Time Activities Role Models	Holidays Perfect vs Imperfect Tense	Read and understand orthographic drawings. e.g. conventions of dimensioning and tolerances Measuring and marking out methods. Turning, using manual or CNC lathe. Cutting using hand tools. Drilling, using both pillar drill and lathe, Using a jig engineering sectors, engineered products Engineering organisations, functions, job roles and careers component 1 Exploring Engineering Sectors and Design Applications Commence coursework	Structure of industry Factors of industry success	Architecture drawing skills Murphy Paul Kenton Michael McMillen Artist/designer copies. Understand and develop ideas of how designer creates work.	Poppy Treffry Sampling Drawing Beading Presenting artist research pages	Architecture Ian Murphy Paul Kenton Michael McMillen Artist/designer copies. Understand and develop ideas of how designer creates work.	Component 1 - 'Dust' Practical workshops and coursework	Component 1 – Devising – practical and coursework	Solo/ Ensemble Performance Skills Popular Music	Influencers and Influences. Snagged	1.1 systems architecture 1.2 memory 1.3 storage 1.4 wired and wireless networks	Investigate user interface design for individuals and organisations. Portfolio of tasks, end of topic tests.	Local Enterprise – What makes them a success or failure Aims, purpose and activities, Characteristics of an entrepreneur, Market research SWOT and PEST analysis	Introduction to the science of Hair and beauty. Students will research - Various Products and their purpose Characteristics of different skin types Characteristics of different hair types - The impact of UV on the skin and hair	

Aut 2	An Inspector Calls Power and Conflict Poetry	Foundation Compound Interest Fractions of Amounts Fractions Operations Factorising Quadratics Solving Quadratics Quadratic Graphs Pythagoras' Theorem Right-Angled Trigonometry Bearings Exact Trigonometric Values Higher Solving Quadratics by Factorising Quadratic Formula Completing the Square Quadratic Graphs Surds Pythagoras' Theorem Right-Angled Trigonometry Bearings Bounds Compound Measures Speed, Distance, Time	Trilogy Quantitative Chemistry/Electricity Separate science Bio Infection & Response Chem Quantitative Chemistry Phys Electricity	Unit 2 – Practical Sport Performance	Medicine Industrial Medicine Edward Jenner & vaccination Robert Koch & Microbes Joseph Lister & James Simpson – advances in surgery Pasteur – Germ Theory Government – public Health act Florence Nightingale improving hospitals Modern Medicine Penicillin DNA Lifestyle factors Introduction of the NHS – improved technology New vaccinations	Landscapes and Physical Processes Rivers/Drainage	Free Time Activities Sports Importance of Reading	School Opinions Fluency	Bending and forming sheet metal and small bar. Material hardness testing Hot working/forging case hardening. Shaping and finishing, filing, milling, use of abrasives Following a provided production plan. Awareness of health and safety. Using PPE and conducting risk assessments. Adhere to workshop safety. Procedures Component 1 Continue coursework	Operation of kitchen Front of house	A2 drawing pieces from architecture	Music Festivals Primary source photography Observational drawings and developing a variety of techniques with media	Development pages Teatime / Seaside Sampling Photographs	Artist/designer copies. Understand and develop ideas of how designer creates work.	Component 1 - 'Emancipation of Expressionism' Practical workshops and coursework	Component 1 – Devising – practical and coursework	Solo/ Ensemble Performance Skills Traditional Music	Snagged	1.5 network topologies 2.1 algorithms 2.2 programming techniques	Investigate user interface design for individuals and organisations. Component 1: Pearson authorised assignment	Local Enterprise – What makes them a success or failure Aims, purpose and activities, Characteristics of an entrepreneur, Market research SWOT and PEST analysis	Students will then Investigate the properties and functions of different ingredients How they combine The impact of adding preservative The function of vital ingredients in products This will be linked with the production of their own products and a reflection of the outcome for each product. They will produce - A shampoo - A lip -balm - A body exfoliant - A body moisturiser
Spr 1	A Christmas Carol Power and Conflict Poetry	Foundation Simultaneous Equations Algebraically and Graphically Probability Averages Pictograms Bar Charts Stem & Leaf Diagrams Line Graphs Time Series Graphs Pie Charts Higher Speed, Distance, Time Cylinders,	Trilogy Bioenergetics Separate Sci Bio Bioenergetics Chem Chemical changes Phys Electricity	Unit 2 – Practical Sport Performance	Medicine Trench Medicine Conditions in the trenches The Trench system Providing care and aid to the sick Illnesses and wounds Impact of gas	Rural & Urban Links Population Change in HIC v LICE/NEE	Free Time Activities Food Local Customs Festivals	Social Media Effects of Technology on Society Importance of Reading	Component 3 Intro. Metals and alloys Ferrous metals and alloys: • cast iron • low and high carbon steels • steel alloys (stainless steel). Non-ferrous metals and alloys: •	Customer requirements Review options for H and C provision Recommendations for H and C	3D buildings	Experimentation with media Cushion / wall hanging initial designs sampling	Architecture Liverpool trip Observational drawings from photographs Mark Making techniques	Component 1 - 'Charge' Practical workshops and coursework	Component 1 – Devising – practical and coursework	Solo/ Ensemble Performance Skills Western Classical Tradition	Preparing for your Future. (LINKS TO SUBJECTS IN EVERY LESSON)	1.6 system security 1.7 system software 1.8 ethical issues	Exploring User Interface Design Principles and Project Planning Techniques Component 1: Learning aim B and C: formal assessment	CA for exploring enterprises Introduction to their exam unit. LO1-Types of hair and beauty businesses LO2 - The importance of the hair and beauty sector LO3 - Links with other industries		

		Cones, Spheres & Pyramids Density, Mass, Volume Pressure, Force, Area Cumulative Frequency Box Plots Histograms Sequences Quadratic Sequences Equations of Lines			The evacuation route				aluminium • copper • lead • zinc • alloys (brass and bronze). Polymers Thermoplastics Thermosetting polymers	provision												
Spr 2	Romeo and Juliet Power and Conflict Poetry	Foundation Ratio Proportion Factors, Multiples & Primes Prime Factorisation Scatter Graphs Higher Tangent to Circle Quadratic Inequalities Functions Transforming Graphs Linear & Quadratic Simultaneous Equations Sine Rule	Trilogy Homeostasis Chemical changes Separate Sci Bio Bioenergetics Chem Chemical Changes (ENGIN) Phys Forces contd.	Unit 5 – The Sports Performer in Action.	Elizabeth Problems of marriage, succession & legitimacy Religion Threats from abroad Mary Queen of Scots Threats from at home – Northern Earls & Catholic plots	Rural & Urban Links (LINK TO ENGLISH) Urban challenges and opportunities in HIC v LICE/NEE	Town & Local Area	Free Time Activities Sporting Events Role Models	Component 2 <i>Investigating an Engineering Project</i> Commence coursework	Review content of unit 2 Food and ill health	Modern Icons initial research	Drawing, materials and photoshop	Final design drawn Sampling	Observational drawings from photographs Mark Making techniques	Component 1 - Comparisons Practical workshops and coursework	Component 1 – Devising – practical and coursework Western Classical Tradition since 1910	Sexuality and Gender Identity (LINK TO ENGLISH)	1.8 ethical issues 2.2 programming techniques Mock paper	Collecting, presenting and interpreting data Component 2: Learning aim A: formal assessment	Finance Business finance Profit and loss Liabilities Assets Financial documents Financial planning	LO4 - Business ownership/size LO5 - The trade and professional organisation LO6- health & safety & legislation. LO7 – infectious conditions. LO8 – H&B careers LO9 – opportunities within the industry. LO10- Training and education pathways	
Sum 1	Language Component 1 Power and Conflict Poetry	Foundation Speed, Distance, Time Distance, Time Graphs Density, Mass, Volume Pressure, Force, Area Circles Angles Polygons Similar Shapes Inequalities Higher Cosine Rule Area of Triangle 3D Trigonometry Exact Trigonometric Values	Trilogy Homeostasis Rates of reaction Separate science Bio Homeostasis Chem Rates or reaction Physics Forces	Unit 5 – The Sports Performer in Action.	Elizabeth War with Spain – Spanish Armada Education Leisure Exploration – Walter Raleigh & Francis Drake	Tectonic Landscapes & Hazards impacts and responses in HIC v LICE/NEE	Holidays French Speaking World	Local Area Geography of Spain Describing town/city	Other materials. Cost, availability, form and supply of the metals, alloys, polymers, composites etc Calculation of costs Materials to be machined, treated, shaped, recycled. Cutting: Sawing, shearing, laser.	Review content of unit 2 structure of industry-making links	Modern Icons photoshop skills	Experimentation, ideas and concepts for final piece	Construction of final designs	Final piece for architecture project	Component 2: Practical Workshops Review of own development	An Inspector Calls Solo/ Ensemble Performance Skills Free Composition	Addressing Extremism.	2.2 programming techniques 2.3 producing robust programs 2.4 computational logic	Collecting, presenting and interpreting data	Finance Business finance Profit and loss Liabilities Assets Financial documents Financial planning	Mock exams & practice papers. They will sit their exam in this term The focus will then be on portfolio building & CEIAG. Showing progress over time. Structure of the skin Structure of the hair The contradictions to different services. Health & Safety	

		Circle Theorems Vectors Probability Venn Diagrams & Sets							Drilling: Chemical etching													
Sum 2	Unseen Poetry Langua ge Compo nent 2 Power and Conflict Poetry	Foundation Inequalities Indices Standard Form Reflection Rotation Translation Enlargement Constructions & Loci Higher Area Under Graph Gradients of Curves Similar Shapes Congruency Iteration Algebraic Fractions	Trilogy Forces Organic chemistr y Separat e Science Bio Inherita nce Chemist ry Organic Chemist ry Phys Magneti sm	Unit 3 – Perso nal Exerci se Progr amme	Consolidati on & Exam Practice	Tectonic Landsca pes & Hazards Human Fieldwor k Liverpoo l	Disaster Holidays Consolid ation of Tenses Speakin g Practice	Exam Skills Revisio n of Tenses Speaki ng Practic e	Shaping by forming and manipulati on. Permanent and temporary joining methods. Welding, Heat and chemical treatment. Surface Finishing.	Past papers Exam – end of June	Modern Icons canvas painting	Final photosh op piece	Constru ction of final designs Fashion project Vivienne Westwo od research ages samplin g	Final piece for architect ure project	Compone nt 2: Practical Worksho ps Review of own develop ment	An Inspec tor Calls	Solo/ Ensembl e Perform ance Skills Free Composi tion	Judaism	2.5 translat ors and facilities of languag es 2.6 data represen tation	Collecti ng, presenti ng and interpre ting data Compon ent 2: Learning aim B and C: formal assessm ent	Finance Business finance Profit and loss Liabilities Assets Financial documen ts Financial planning	Research into careers linked with the industry. Hairdressing Beauty therapy L&T Retail industry Media Fashion Media Photograph Manufacturi ng Qualificati ons & salaries given for each sector.