Y10 Term 1 Curriculum Map

Topics and *assessed tasks* by subject for the current term

Week Beginning	English	Higher Mathematics	Foundation Mathematics	Biology	Chemistry	Physics	Geography	History	Sociology	Spanish	Computer Science	iMedia	Business
04/09/2023		(04/09/23 - Module 6 Assessment)	(04/09/23 - Module 6 Assessment)	Science safety		Energy: Retrieval			(04/09/23 - Baseline)	Key vocabulary and grammar required for Y10	Course Introduction and programming basics	Media products	Introduction to Business Studies
11/09/2023	An Inspector Calls	Probability Tree Diagrams. Venn Diagram	Probability	Plant tissues & organs	Atomic Structure and the Periodic Table	Energy: Gravitational potential and kinetic (Assessed Task)		Elizabethan Gov (11/09/23 - AO3 Assessed Task)	Theme 1 : Introduction to Sociology - Key concepts and processes of cultural transmission	Home; Town; Neighbourhood and Region	Computational theory / Designing, creating and refining algorithms / Local and Global variables and constants		Products and Services
18/09/2023		Trigonometry	2D representations of 3D shapes. Measures	Transpiration	(18/09/23 - Assessed Task)	Energy: Elastic potential	Theme 5: Weather, climate and ecosystems	Lifestyles of the rich and poor Popular Entertainment			Python - Data Types / Inputs / outputs & Concatenation / Integer Inputs & Operators	Media Job roles	Business Ownership
25/09/2023	(25/09/23 - Analysis of Literature)			Enzymes and food chem (Assessed Task)	revision	Revision	(25/09/23 - Assessed Task)		(25/09/23 - Assessed Task)		Architecture of the CPU - The Purpose & components of the CPU - The FDE cycle (Exam Questions)	(25/09/23 - Presentation Assessed)	Market Research Aims and Questionnaire
02/10/2023		Calculating with Percentages	Calculating with percentages	Retrieval				Revision and KA prep		(02/10/23 - Formative Assessment)	Python - IF statements / Nested IF statements	Key vocabulary terms: Media industry	Market Research Aims and Questionnaire
09/10/2023 16/10/2023							**Key Assessment Fortnight**						
23/10/2023	An Inspector Calls	NU5 - Indices (Module 6 Assessment)	Add and subtract fractions and reciprocals. Multiply and divide fractions (Module 6 Assessment)	Defence and Vaccines (Assessed Task)	Atomic Structure and the Periodic Table	Particle Model: Retrieval	Theme 5: Weather, climate and ecosytems	Popular Entertainment	Theme 1 : Introduction to Sociology - Key concepts and processes of cultural transmission	Home; Town; Neighbourhood and Region	CPU Performance - Common characteristics of the CPU	Graphic design coursework: skills	Questionnaire analysis
30/10/2023							**Half Term - School is Closed**						
06/11/2023	An Inspector Calls	(06/11/23 - Module 6 Assessment)	Sequences (Module 6 Assessment)	Drug Discovery and Dev	Bonding, Structure and the Properties of Matter	(06/11/23 - Assessed Task)		Problems of Religion		Python - FOR Loops (Exam Questions)		Graphic design coursework: skills	Questionnaire Analysis
13/11/2023	Language Paper 1 Section A	Congruence & Similarity	(13/11/24 - Module 7 Assessment)	Risk Factors	(13/11/23 - Assessed Task)	Particle Model: Specific heat capacity		(13/11/23 - AO1 & AO4 Assessed Task)	Theme 4 : Research Methods	Healthy and Unhealthy Living	Embedded Systems - Purpose & Charcteristics / Examples	Graphic design coursework: skills	Target Audience & Creating a Customer Profile
20/11/2023	(20/11/23 - Analysis Task)	Standard Form (Module 7 Assessment)	Percentage change	Plants		Atomic Structure: Retrieval (Assessed Task)	(20/11/23 - Assessed Task)		(20/11/23 - Assessed Task)		Embedded Systems - Purpose & Charcteristics / Examples		Focus Group / Interviews / Secondary Research
27/11/2023	Language Paper 1 Section B	Rearranging Formula	Quadratics: Expand and factorise. Inequalities	Respiration (Assessed Task)	Quantitative Chemistry	Atomic Structure: Half life	Theme 5: Weather, climate and ecosystems	Catholic Threat			Python - WHILE Loops (Exam Questions)	Graphic design coursework: design and creation	
04/12/2023				Reproduction	(04/12/23 - Assessed Task)	Atomic Structure: Nuclear fusion				Charity / Voluntary Work	Primary Storage - The need for it / purpose and VM	(04/12/23 - Exam Assigned Assessment)	Questionnaire Analysis
11/12/2023	A Christmas Carol	Growth & Decay	cale factors, diagrams and maps	Plant Hormones (Assessed Task)	Electricity: Retrieval (Assessed Task)			Catholic Threat Spanish Armada	Theme 2 : Family	(11/12/23 - Formative Assessment)	Python - Arrays - adding to and indexing	Graphic design: assets	Target Audience & Creating a Customer Profile
18/12/2023		Arcs & Sectors. Cones & Spheres		Inheritance	Chemical Changes	Electricity: IV characteristics		(11/12/23 - AO2 Assessed Task)	(18/12/23 - Assessed Task)	Customs and Festivals: Christmas in Spain	Secondary Storage - Common Types and charachteristics		Design Mix Model

INSPIRING MINDS, OPENING HEARTS, TRANSFORMING LIVES

Y10 Term 1 Curriculum Map

Topics and *assessed tasks* by subject for the current term

Week Beginning	DT	Hospitality	Child Care	Art	Photography	Engineering	Sport R185	Sport R184	Music	Drama
04/09/2023	Robotics, automation and production in industry	The hospitality and catering industry including establishments, job roles, star ratings and reviews **(Unit 1 Exam Questions)**	How to ensure a child-friendly safe enviornment	Introduction to Art & producing a portfolio	Introduction to Photography & producing a portfolio	Intro to engineering and engineering sectors.	Key Components of Performance	User Groups	Component 1: Understanding Music Products and Styles	Component 1 - Exploring the Performing ArtsA1 Professional performance material, influences, creative outcomes and purpose
11/09/2023	Market pull and technology push / People, society and culture		Plan to create a safe environment in a childcare setting. Reasons why accidents happen and how to prevent them.			Electrical, aerospace, communications, chemical, civil and automotive engineering.				
18/09/2023	Sustainability and the environment / Critical evaluation of new and emerging technologies					Chemical, civil, automotive, bimedical and software engineering.		Barriers		
25/09/2023	Systems / Types of motion **(Assessed Task)**		Complete Task 1 Set Assignment	Skills Based Project: mind map and research	Types of photography	Health and safety Legislation **(Homework Tasks Assessed)**				Comp 1 - Roles, responsibilities and skills
02/10/2023	Mechanical devices / Modern and smart materials	Revision for KA1	**(02/10/23 - Assignment Assessed)**	**(02/10/23 - AO2 Assessed)**	**(02/10/23 - AO1 Assessed)**	Standard international units within engineering. Key assesment preperation and revision of previous topics.		Barrier Solutions		Comp 1 - Processes used in development, rehearsal and performance
09/10/2023						**Key Assessment Fortnight**				
16/10/2023										
23/10/2023	KA1 Feedback / Composite materials / Technical textiles / Material properties	KA1 Feedback and Innovative technologies	KA1 Feedback	Skills Based Project: research	After dark / twilight project	Key assesment feedback. Equations used in engineering.	Key Components of Performance	Popularity of Sports	Component 1: Understanding Music Products and Styles	Comp 1 - Processes used in development, rehearsal and performance
30/10/2023						**Half Term - School is Closed**				
06/11/2023	Material and their working properties	Importance of nutriton	Choosing suitable essential equipment for a childcare setting.	Skills Based Project: ideas, experimentation and development	After dark / twilight project **(18/12/23 - AO1-3 Assessed)**	Equations used in engineering.	Key Components of Performance	Emerging Sports **(EOT Assessment)**	Component 1: Understanding Music Products and Styles	Comp 1 - Production process
13/11/2023	Selection of materials or components / Using and working with materials					Engineering drawings **(Assessed Task)**		Sporting Values		
20/11/2023	Communication of ideas	**(20/11/23 - Topic Test)**	Complete Task 2 Set Assignment **(27/11/23 - Assignment Assessed)**			Engineering drawings and british standards				
27/11/2023	Ecological and social issues in design and manufacture / Design strategies	Nutrition and life stages				Properties of materials		Olympics / Paralympic		Professional performance material, influences, creative outcomes and purpose
04/12/2023	Properties of materials / Modifying properties for a purpose **(Assessed Task)**	Factors affecting menu planning	Current Government dietary recommendations for healthy eating for children from birth to five years,			Mechanical and optical properties of engineering		Initiatives / Campaigns		Roles, responsibilities and skills
11/12/2023	Sources and origins / Stock forms, types and sizes / Communication of ideas / Scales of production	**(11/12/23 - Extended Writing Task)**	Complete Task 3 Set Assignment			Properties of metals		Etiquette / Behaviour		Processes used in development, rehearsal and performance Production process
18/12/2023	Manufacturing specification / working drawings / Tools, equipment and processes	Presentation techniques	**(18/12/23 - Assignment Assessed)**	**(18/12/23 - AO2 Assessed)**		Properties of polymers				

INSPIRING MINDS, OPENING HEARTS, TRANSFORMING LIVES

Y10 Term 2 Curriculum Map

Topics and *assessed tasks* by subject for the current term
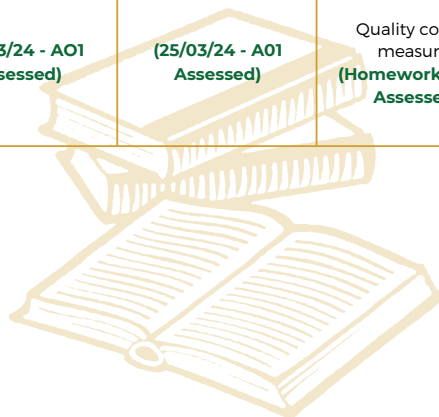
Week Beginning	English	Higher Mathematics	Foundation Mathematics	Biology	Chemistry	Physics	Geography	History	Sociology	Spanish	Computer Science	iMedia	Business
08/01/2024	A Christmas Carol	Further Quadratics **(Module 8 Assessment)**	**(08/01/24 - Module 7 Assessment)**	Inheritance **(Assessed Task)**	Chemical Changes **(Assessed Task)**	Electricity: Component characteristics **(Assessed Task)**	Theme 4: Managing Coastal Hazards	Spanish Armada	Theme 2: Family	Global Issues: Environment, Poverty and Homelessness	Python - Arrays - locating items and deleting	Graphic design coursework: Exporting	Produce 2 initial Designs
15/01/2024		Surds, Rational Numbers	Construction and loci. Properties of polygons	Evolution	Energy Changes	Electricity: Resistance of a wire	**(15/01/24 - Assessed Task)**				Secondary Storage - Suitable storage stypes for given scenarios	Graphic design coursework: Jusitification	Produce a detailed design mix model
22/01/2024			**(22/01/24 - Module 8 Assessment)**			Electricity: Resistors in series and parallel **(Assessed Task)**		**(22/01/24 - AO3 & AO4 Assessed Task)**			Python - Arrays - locating items and deleting **(Exam Questions)**		SWOT Analysis & Collecting peer feedback
29/01/2024	Language Paper 2 Section A	Linear & Quadratic Equations & their Graphs	Probability tree diagrams. Venn diagrams	Ecology	Rates of Reaction	Forces: Moments		Puritan Threat	**(29/01/24 - Assessed Task)**	Writing Strategies	Ethical, Legal, Cultural and Environmental impacts - Impacts of digital technology on wider society	Graphic design coursework: testing	Create a final proposal appropriate to the scenario
05/02/2024			Inverse proportion	Retrieval	**(05/02/24 - Assessed Task)**	Revision				**(05/02/24 - Formative Assessment)**	Python - Procedures **(Exam Questions)**		Create a final proposal appropriate to the scenario
12/02/2024		Cumulative Frequency & Box Plots	Congruence and similarity. Arcs and sectors		Revision		**(12/02/24 - Assessed Task)**	Retrieval KA prep		Global Issues: Environment, Poverty and Homelessness	Units - Data Storage / Capacity & Calculations	Graphic design coursework: improvements	Profit and Loss
19/02/2024	Half Term - School is Closed												
26/02/2024 04/03/2024	Key Assessment Fortnight												
11/03/2024	Anthology Romantic Poems	Vectors **(Module 9 Assessment)**	Time and other units of measure. Indices **(Module 9 Assessment)**	Ecology	Organic Chemistry	Forces: Pressure	**(11/03/24 - Assessed Task)**		**(11/03/24 - Assessed Task)**		Data Storage - Binary & Hex conversion & Binary Shifts		Pricing Strategies
18/03/2024	**(18/03/24 - Analysis of Literature)**	Equation of a Circle. Trigonometric Graphs	Rearranging formulae. Sketching graphs	Ecology	**(18/03/24 - Assessed Task)**	Motion: Distance time graphs **(Assessed Task)**	Theme 6: Development and resource Issues	USA: Economic downturn and WW2	Theme 6 Crime and deviance	Customs and Festivals	Python - Reading from a file	Examination practice: Media Industry	Break even
25/03/2024	Anthology Family Poems Revision	Sine & Cosine Rule	Standard form	Biodiversity		Motion: Velocity time graphs					Data Storage - Characters - Character sets / ASCII / Unicode **(Exam Questions)**	**(25/03/24 - Exam Paper)**	P & L, Pricing Strategies and Break even

Y10 Term 2 Curriculum Map

Topics and assessed tasks by subject for the current term

Week Beginning	DT	Hospitality	Child Care	Art	Photography	Engineering	Sport R185	Sport R184	Music	Drama
08/01/2024	Quality control / Material management / Tolerance	Food related causes of ill health - Food poisoning, contaminants, critical temperatures and food safety regulations	Essential nutrients and their functions for Children from birth to five years.	Introduction to Issue Based Project (IBP)	Still life and Advertising	Bottle opener mini practical project.	Key Components of Performance	Drugs in Sport	Component 1: Exploring Music Products and Styles - Preparation for exam	Component 1 - Exploring the Performing Arts **(Pearson Set Assignment Exam Series June 2024)**
15/01/2024	How materials are cut, shapes and formed to a tolerance		Complete Task 3 Set Assignment	IBP - mindmap		Bottle opener mini practical project.		**(15/01/24 - EOT Assessment)**		
22/01/2024	Quality control	Allergies and intolerances **(Unit 1 Exam Questions)**	**(22/01/24 - Assignment Assessed)**			Bottle opener mini practical project.		Major events	Component 1: Exploring Music Products and Styles **(Assessment Window - Final Exam)**	
29/01/2024	Surface treatment and finishes **(Assessed Task)**	Planning for production and meeting specific requirements	Plan and preparing a feed/meal			Bottle opener mini practical project. **(Assessed Task)**		Impacts of Hosting Pre		
05/02/2024	Surface treatment and finishes		Complete Task 4 Set Assignment	IBP - artist research		Properties of woods				
12/02/2024	Types of forces and reinforcin materials / Manipulating materials	**(12/02/24 - Practical Assessment)**	**(12/02/24 - Assignment Assessed)**	**(12/02/24 - AO1 Assessed)**	**(12/02/24 - AO1-3 Assessed)**	Properties of ceramics. Key assesment preperation and revision of previous topics.				
19/02/2024	Half Term - School is Closed									
26/02/2024	Key Assessment Fortnight									
04/03/2024										
11/03/2024	Feedback for KA2 / Investigation and analysis of the work of past and present designers	How cooking methods impact on nutritional value including the different types of equipment used	How to evaluate planning and preparation of a feed / meal	IBP- artist research	Landscape project incorporating KA2	KA feedback. Properties of composites	Key components of performance	Impacts of Hosting During / Post **(25/063/24 - EOT Assessment)**	Component 1: Exploring Music Products and Styles **(Assessment Window - Final Exam)**	Component 1 - Exploring the Performing Arts **(Pearson Set Assignment Exam Series June 2024)**
18/03/2024	Generating imaginative and creative designs		Complete Task4 Set Assignment			Properties of composites				
25/03/2024	Market research, using primary and secondary data to understand client or user needs / Constraints presented to designers **(Assessed Task)**	**(25/03/24 - Extended Writing Task)**	**(25/03/24 - Assignment Assessed)**	**(25/03/24 - AO1 Assessed)**	**(25/03/24 - A01 Assessed)**	Quality control measures **(Homework Tasks Assessed)**				

INSPIRING MINDS, OPENING HEARTS, TRANSFORMING LIVES

Y10 Term 3 Curriculum Map

Topics and *assessed tasks* by subject for the current term

Week Beginning	English	Higher Mathematics	Foundation Mathematics	Biology	Chemistry	Physics	Geography	History	Sociology	Spanish	Computer Science	iMedia	Business
15/04/2024	Macbeth **(29/04/24 - Analysis of Literature)**	Algebraic Proof. Algebraic Fractions **(Module 9 Assessment)**	Growth and decay **(Module 10 Assessment)**	Biodiversity feedback **(Assessed Task)**	Chemical Analysis	Motion: Newton's 2nd Law	Theme 6: Development and resource Issues		**(15/04/24 - Assessed Task)**	Speaking Skills; Retrieval of GCSE topics	Python - Writing to a File	Media Industry Case Study	Review the financial Viability of your Business Proposal
22/04/2024		Direct & Inverse proportion **(Module 10 Assessment)**	Volume	Cells Retrieval	**(22/04/24 - Assessed Task)**	Motion: Acceleration required practical **(Assessed Task)**	**(22/04/24 - Assessed Task)**	Medicine: Causes and Prevention			Data Storage - Digital Images & Digital Audio **(Exam Questions)**		Risk analysis and Review of proposal
29/04/2024		Histograms	Linear simultaneous equations		Chemistry of the Atmosphere	Waves: Reflection	**(29/04/24 - AO2 Assessed Task)**		Theme 6 Crime and deviance		Compression - The need for it and Types	**(29/04/24 - Exam Paper)**	Risk analysis and Review of proposal
06/05/2024		Functions & Transforming Functions		Cells	**(06/05/24 - Assessed Task)**	**(06/05/24 - Assessed Task)**	**(06/05/24 - Assessed Task)**				Python - 2D Arrays	Introduction to Comic coursework	
13/05/2024		Upper & Lower Bounds **(Module 11 Assessment)**	**(13/05/24 - Module 11 Assessment)**	Org retrieval		Waves: Sound	Theme 8: Environmental Challenges	Revision		**(13/05/24 - Formative Assessment)**	Compression - Effects of file types from each type of compression	**(13/05/23 - Exam Assigned Assessment)**	Completion of unfinished coursework tasks
20/05/2024	Anthology Romantic Poems	Circle Theorems	Trigonometry	Comm diseases retrieval	Revision	Revision	**(20/05/24 - Assessed Task)**		**(20/05/24 - Assessed Task)**		SQL **(Exam Questions)**	Comic elements: Client brief analysis	
27/05/2024					**Half Term - School is Closed**								
03/06/2024	Anthology Romantic Poems	Circle Theorems **(Module 11 Assessment)**	Using a calculator. Financial calculations and listing outcomes **(Module 11 Assessment)**	Non-comm diseases retrieval	Revision	Revision	Paper 3 **(Exam Questions)**	Revision	Theme 3 Education	Exam Skills	Networks - Types of network (LAN / WAN) / client / server / peer to peer / Topologies / characteristics and benefits of using a network	Comic elements: Client brief analysis	Source(s) of capital for business start-ups and expansion
10/06/2024 17/06/2024					**Key Assessment Fortnight**								
24/06/2024	Language Paper 2 Section B	Iteration **(Module 11 Assessment)**	Further algebra. Solving quadratic equations and quadratic graphs **(Module 11 Assessment)**	Bioenergetics retrieval	Using Resources	Waves: Electromagnetic spectrum	Paper 3	Medicine: Treatments and Advances	Theme 3 Education	Exam Skills	Networks - Protocols/Layers & Standards	Comic coursework: planning and designing. Setting out comic	Support for enterprise
01/07/2024		Gradient & Rate of Change **(Module 12 Assessment)**	Sampling **(Module 12 Assessment)**	Homeostasis retrieval		Magnetism: Retrival					Boolean Logic - Logic Gates and Truth Tables/Trace Tables **(Exam Questions)**		The difference between cash and profit & Consequences of a lack of cash
08/07/2024	Anthology/Spoken Language Catch Up	Financial Calculations & product rule	Cones and spheres. Vectors	Hormonal coord retrieval		Magnetism: Electromagnets **(Assessed Task)**	**(08/07/24 - Exam Questions)**		**(08/07/24 - Assessed Task)**		Networks - Transmission media / Modes of connection / MAC & IP addressing	**(08/07/23 - Exam Assigned Assessment)**	Types of market segmentation
15/07/2024		Pre Calculus & Area Under a Curve	Gradient and rates of change	Inheritance retrieval	**(15/07/24 - Assessed Task)**	Magnetism: Electric motors		USA - Civil Rights			Python & Pseudocode		Characteristics of successful entrepreneurs

INSPIRING MINDS, OPENING HEARTS, TRANSFORMING LIVES

Y10 Term 3 Curriculum Map

*Topics and **assessed tasks** by subject for the current term*

Week Beginning	DT	Hospitality	Child Care	Art	Photography	Engineering	Sport R185	Sport R184	Music	Drama
15/04/2024	How to write a design brief / Generating imaginative and creative designs	Types of food service	Complete all OCR Set Assignment		Lanscape project ongoing	Quality control measures	Applying Practice Methods	Role of NGBS	Component 1: Exploring Music Products and Styles **(Assessment Window - Final Exam)**	Component 1 - Exploring the Performing Arts **(Pearson Set Assignment Exam Series June 2024)**
22/04/2024	Generating imaginative and creative designs / How to write a design specification	Food styling and presentation techniques **(Practical Assessment)**	**(22/04/24 - Assignment Assessed)**	IBP - artist research 3		Marking out tools and activites				
29/04/2024	Communication of design ideas	Types of residential services	Expected development norms.	**(29/04/24 - AO1 Assessed)**	Portrait project	Modification tools.		**(06/05/24 - EOT Assessment)**		
06/05/2024	Communication of design ideas / Prototype development	Customer requirements including demographics, rights and equality **(Unit 1 Exam Questions)**				Modification tools.				
13/05/2024	Selecting materials based on functionality, cost and availability **(Assessed Task)**		The stages and types of play activity. How play benefits development	IBP - record of ideas		Joining tools and consumables.		Role of Tech in Sport	Component 2: Developing Music Skills - Health and Safety **(Video Recording)**	
20/05/2024	Working accurately / Material management	Food labelling laws			**(20/05/24 - AO1-3 Assessed)**	Finishing methods with different materials. **(Practical Task Assessed)**				
27/05/2024	**Half Term - School is Closed**									
03/06/2024	Specialist tools and equipment / Specialist techniques and processes	Revision and exam skills	**(Assignment based question on R059)**	IBP - experimentation and development	Portrait project creative statement **(Assessed Task)**	Key assesment preperation and revision of previous topics.	Applying Practice Methods	Positive Effects	Component 3: Responding to a Commcercial Music Brief - Reggae workshop	Component 2 - Developing Skills and techniques in the Performing Arts Introduction to Review rehearsal/design processes
10/06/2024	**Key Assessment Fortnight**									
17/06/2024										
24/06/2024	KA3 Feedback / Surface treatments and finishes	Designing a new restaurant including legislation, costs incurred, strength of the economy, VAT and value of the £	Ways to observe and record the development of a child	KA3 **(5hr Exam Task)**	KA3 **(5hr Exam Task)**	KA feedback	Applying Practice Methods	Positive Effects	Component 3: Responding to a Commcercial Music Brief - EDM workshop	Comp 2 - Rehearsal / design process
01/07/2024	Using and working with materials		Complete Set Assignment		Creative project - the stepping stone to Y11. Requires independent work over sumer break.	Mini practice coursework project **(15/07/24 - Evaluation Assessed)**		Negative Effects	Component 3: Responding to a Commcercial Music Brief - Swing/Jazz workshop	
08/07/2024	Using and working with materials **(Assessed Task)**	**(08/07/24 - Practical Assessment)**	**(08/07/24 - Assignment Assessed)**	Personal Project				**(08/07/24 - EOT Assessment)**	Component 3: Responding to a Commcercial Music Brief - Pop Ballad workshop	Rehearsal / design process Review rehearsal/design processes
15/07/2024	Scales of production / Commercial processes		End of year review						Component 3: Responding to a Commcercial Music Brief - How to write successful exam answers	Application of skills and techniques in / for performance

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