

Subject	Subject Content Y11 January 2022 Formal Assessments
Art	A03 check- a recording exercise for drawing skills covering formal elements.
Business	Unit1 - The purpose of Business (all of it) Unit 2 - External Influences (all of it) Unit 6 - Finance (all of it) Unit 5 - Marketing Segmentation and market research only. Students all have a list of topics covered in each unit in their revision books.
Computer Science	The paper will be a full Component 2 paper. The topics covered include: 2.1 Algorithms 2.2 Programming Fundamentals 2.3 Defensive Design, Errors and Testing 2.4 Boolean logic diagrams 2.5 Types of programming languages and IDEs A comprehensive list of resources will be released before the end of term.
Dance	All performance and choreography skills Health and Safety for a dancer Reflection on research carried out for choreography, mental skills in set phrase and physical skills in duet/trio performance Anthology: Artificial Things and Emancipation of Expressionism. Shadows. A Linha Curva.
Design and Technology	Energy sources and energy storage systems Planned obsolescence Smart materials Identifying fabric construction Technology push and pull Mechanisms (cam, gear, lever, pulley) Material property key words Metals Composite materials Systems approach to designing Manufacturing processes Social and environmental issues Production methods Choose a company to research from Alessi, Apple or Under Armour 2 point perspective drawing How to minimise waste when making products How to 'form' materials (how to shape them when making prototypes)
Drama	Component 2 Devising Theatre- Written Coursework and Practical Performance Exam. Component 1 Understanding Drama- All 3 Sections of this written exam.
Engineering	metals 6rs smart materials anthropometrics ergonomics design cycle target market aesthetics durability maintenance production methods cadcam characteristics of materials environmental symbols manufacturing methods stock form/standard components health and safety iconic design materials industry and enterprise forces and stress design brief specification/accessfmm error proofing tolerance planned obsolesce/end of life legislation
English Language	English Language Paper 1 content - 50% of Language overall
Food Preparation and Nutrition	Food, Nutrition and Health: Healthy Eating / The Eatwell Guide Food, Nutrition and Health: Functions of micronutrients Food, Nutrition and Health: Diabetes Food Science: Cooking food, chemical change, nutritional value Food Science: Denaturation of proteins Food Science: Coagulation Food Science: Enzymic browning Factors Affecting Food Choice: Food labels Factors Affecting Food Choice: Sensory evaluation Food Processing and Production: Fortification Food Provenance: Food waste
French	There will be elements from all three Themes in the exam. Pupils should refer to their preparation for the speaking exam to familiarise themselves with the main topics in each Theme.
Geography	Living World topic - ecosystems and food webs / characteristics and human effects in the rainforest / animal and plant adaptations / cold environments at risk. UK Physical landscapes - processes and features at the coast / hard and soft engineering management of the coast / long profile of a river and its characteristics and features of erosion and deposition / soft engineering strategies on a river. Resource management - global food patterns and impacts / managing UK water supplies / global water security, surplus and deficit / large scale water transfer scheme. Urban issues and challenges - global urban change / case study NEE city - Rio / industry encourage development in NEE / UK urban challenges / opportunities in a UK city

Subject	Subject Content Y11 January 2022 Formal Assessments
History	America 1920 - 1973 Conflict and Tension 1918 - 1939 Britain Health and the People
Maths	<p>Algebra</p> Solving equations Algebraic substitution Rearranging formulae Numerical definitions (Identity, Expression, Equation etc.) Solving and factorising quadratics Straight line graph equations Speed Distance Time Quadratic Graphs Reciprocal graphs Collecting terms Expanding brackets Expanding double brackets Coordinate problems Simultaneous equations Sequences Column Vectors
Media	Component 1, section A- Media Language and Representation (Quality Street advert, This Girl Can advert, Man with the Golden Gun film poster, Pride and GO) Component 2, section B Music Video and websites (Taylor Swift-Bad Blood, Pharrell Williams- Freedom, TLC- Waterfalls)
Music	The Music Industry Venues, employment, labels, job roles and responsibilities, agencies, trade bodies, unions, organisations within the industry including music publishing, promotion, marketing, hire and transport companies.
PE GCSE	<p>Applied anatomy and physiology</p> Movement analysis Physical training Use of data Sports psychology Socio-cultural influences Health, fitness and well-being
Photography	A02- development of ideas to then realise intentions- focus area.
RE	Christian Beliefs and Islamic Beliefs
Science	<p>Biology</p> B1: cell Biology B2: organisation B5: homeostasis & response B7: ecology
	<p>Chemistry</p> C1: atomic structure & the periodic table C2: bonding, structure & the properties of matter C5: energy changes C7: organic chemistry
	<p>Physics</p> P1: energy P2: electricity P5: forces P6: waves (combined science only)

Subject	Subject Content Y11 January 2022 Formal Assessments
Spanish	Theme 1: Me, my family and friends; Technology in everyday life; Free-time activities Theme 2: Home, town and region; Healthy and unhealthy living; Holidays and travel Theme 3: Life at school; University; Choice of career