YEAR 10	TERM 1 TERM 2 TERM 3
Art & Design	From September – May GCSE Coursework project 1. Normally we use the theme 'everyday' or another GCSE title. 30% of coursework mark. Each topic follow four assessment objectives; AO1- Develop ideas through investigations, demonstrating critical understanding of sources. A02- Refine work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes A03 Record ideas, observations and insights relevant to intentions as work progresses A04 Present a personal and meaningful response that realises intentions and demonstrates understanding of visual language From May June onwards- start GCSE project 2.
Business	BTEC Unit 1 Enterprise in business Unit 2 Business finance
English	GCSE English Language: Component 1: Response to fictional text. Narrative Writing Component 2: Response to 19th and 20th century non-fiction texts. Transactional writing x2 GCSE English Literature Component 1: Response to a play by Shakespeare. Comparison of poetry from the Anthology Component 2: Response to a novel. Response to a play. Response to unseen poetry

Food Preparation and Nutrition	Proteins-
	• Meats & Seafood
	• Eggs
	• Milk and dairy foods
	• Protein Alternatives
	
	Carbohydrates-
	• Cereals
	• Rice
	• Pasta
	• Flours
	• Sugars and Fibre
	
	Fats& oils-
	• Different types, functions, nutritional values and sources etc.
	• Pastry / Fat experiment
	
	Vitamins and Minerals-
	• Function or different vitamins and minerals
	• Sources of different vitamins and minerals
	• Excess or deficiency of different vitamins and minerals
	• Vitamin C experiment
	• Trace minerals
	• Energy experiment
	• BMR, PAL, EAR and Healthy diets
	
	Different diets –
	• Elderly people
	• Religious diets
	• Vegetarians
	• Pregnancy
	• Dietary requirements =
	  ○ Coeliac
	  ○ Diabetes
	  ○ Anaemia

	○ Lactose intolerant ○ Nut allergies ○ Reducing salt ○ Reducing fat • Athletes Practical skills i.e. meatballs, Cornish pasties, Chicken stir fry, Fish cakes, Sausage rolls, Cheesecake, Lasagne with homemade pasta, vegetarian curry, Oaty bars, Pizza, Palmiers, Éclairs, Vegetable soup, Different sauces, Calzone etc. Plus many own choice practical's.
Resistant Materials	Skills development in working a range of materials through making of products. Marking out/material preparation/hand and machine tool safe practice/joining/gluing/finishing. Wooden Puzzle/Aluminium Holder with riveting/Toy Lorry with CAD/CAM + hand skills/Biscuit jointing. Design and Make project including CAD/CAM , an Electronic device stand in sheet acrylic. Preparation for the theory examination. Start to work on the Controlled Assessment. UNDER REVIEW – NEW SPECIFICATION HAS YET TO BE ACCREDITTED.
Geography	Tectonic Hazards Weather Hazards Climate Change Fieldwork Urbanisation HIC and LIC City studies Sustainable Urban Living
Health & Social Care	Component 1 Human Lifespan Development Component 2 – Health and Social Care Services and Values
History	Germany 1890-1945 Depth Study Conflict around the world 1918-1945 Norman England Depth Study
ICT	UNDER REVIEW
Maths	Foundation Number, powers, decimals, HCTF and LCM, roots and rounding Expressions, substituting into simple formulae, expanding and factorising Drawing and interpreting graphs, tables and charts Fractions and percentages Equations, inequalities and sequences Angles, polygons and parallel lines Statistics, sampling and the averages Perimeter, area and volume Real-life and algebraic linear graphs Transformations Ratio and Proportion Higher Powers, decimals, HCF and LCM, positive and negative, roots, rounding, reciprocals, standard forms, indices and surds Expressions, substituting into simple formulae, expanding and factorising, equations, sequences and inequalities, simple proof Averages and range, collecting data, representing data Fractions, percentages, ration and proportion Angles, polygons, parallel lines; Right-angled triangles: {Pythagoras and trigonometry Real-life and algebraic linear graphs, quadratic and cubic graphs, the equation of a circle, plus rates of change and area under graphs made from straight lines Perimeter, area and volume, plane shapes and prisms, circles, cylinders, spheres, cones; Accuracy and bounds Transformations; Constructions; triangles, nets, plan and elevation, loci, scale drawings and bearings Algebra: Solving quadratic equations and inequalities, solving simultaneous equations algebraically Probability Multiplicative reasoning: direct and inverse proportion, relating to graph form for direct, compound measures, repeated proportional change Similarity and congruence in 2D and 3D Sine and cosine rules, ab sin C, trigonometry and Pythagoras' Theorem in 3D, trigonometric graphs and accuracy and bounds Statistics and sampling, cumulative frequency and histograms
MfL	Social issues Global issues Travel and tourism My studies

Performing Arts	Unit 1 – external examination unit (individual showcase) Unit 2 – preparation, production & performance
Physical Education	Boys – 1. Football & Rugby 2. Handball & Table Tennis 3. Gym & Badminton 4. Basketball & Hockey 5. Volleyball & Athletics 6. Cricket & Softball Girls – 1. Netball & Hockey 2. Gym & Table Tennis 3. Basketball & Handball 4. Dance & Badminton 5. Athletics & Rounders 6. Volleyball & Cricket GCSE Physical Education Fitness and Body Systems Health and Performance Practical Performance Personal Exercise Plan
PSE/Care	Human Rights and Responsibilities Law and Order Being British / Britain and the World Drugs Education 4 SRE (including grooming and online safety) 4 Study Skills Careers / Enterprise Education
Religious Education	Does God exist? The problem of evil and suffering, Unanswered prayers, The nature of God, Abortion and social ideas, Christian and Muslim views on abortion and euthanasia, Arguments for and against euthanasia, death and the afterlife in Islam and Christianity, sex and marriage, divorce, homosexuality, contraception.
Science	<u>Chemistry</u> Key concepts in chemistry States of matter and mixtures Chemical changes Extracting metals and equilibria Separate chemistry 1 (Only studied by triple scientists) <u>Biology</u> Key concepts in biology Cells and control Genetics Natural selection and genetic modification Health, disease and the development of medicines <u>Physics</u> Key concepts of physics Motion and forces Conservation of energy Waves Light and the electromagnetic spectrum Radioactivity Astronomy (Only studied by triple scientists)