



QUEENS' SCHOOL
Dare to be Great

KEY STAGE 4 CURRICULUM GUIDE

Overview of the Key Stage 4 Curriculum

Key Stage 4 is the second stage of students' secondary education; here at Queens' School it comprises the beginning of Year 10 to the end of Year 11. In terms of learning, the subjects, topics and content taught at Key Stage 4 are designed to develop students' character, knowledge, understanding and skills at an advanced level, in preparation for imminent opportunities and experiences of further education, training or employment at the end of Year 11. More specifically, students will be working towards the demands of GCSEs in the suite of subjects they are taking.

The most recent version of the National Curriculum, introduced by the Department for Education in September 2014, ensures that all schools offer their students a 'broad and balanced curriculum' of subjects, promote the spiritual, moral, social, cultural and physical development of students and prepare them for the experiences and opportunities of life, learning and employment after school. As both an academy and an aspirational school, Queens' has elected not only to follow the basic requirements of the National Curriculum but also, in line with our *Dare to be Great* ethos, to take steps to make sure that all students will be enriched and challenged in their academic and pastoral learning. At Key Stage 4, this enrichment is achieved through an emphatic focus on Queens' values of Scholarship, Tenacity, Altruism and Respect and lifelong learning in PSHE; and through differentiation, target-setting, subject coverage and setting procedures across subjects.

Students have chosen the subjects which they wish to study at GCSE through the GCSE Options process, which takes place in the Spring Term of Year 9. For most subjects, GCSE studies commence in the Autumn term of Year 10; however, in many subjects, including the core subjects of English, Maths and Science, students will start to approach and learn GCSE level concepts and topics from the middle of Year 9. All students are entered for two GCSEs in English: English Language and English Literature. They will attain one GCSE in Mathematics and at least two GCSEs in Science (Combined Science). In addition, they will attain four further GCSEs in the subjects they have chosen as GCSE options. Some students will have chosen 'Triple Science' as one of their options to supplement their Core Science provision and those students will attain three separate GCSEs in Biology, Chemistry and Physics. Some students will also have elected to take an extra GCSE in Dance or PE. In total, the vast majority of students will be awarded either nine or ten GCSEs at the end of Year 11. In addition to GCSE subjects, students also continue to take lessons in core Physical Education and PSHE if they have not opted for GCSE PE or Dance. The curriculum delivery in these subjects is not assessed and does not lead to GCSE qualifications.

The Key Stage 4 Timetable

The school operates a two week timetable cycle. There are five one hour teaching periods each day and therefore fifty periods in total per fortnight. A significant proportion of the teaching time at Key Stage 4 is devoted to the core GCSE subjects of English, Maths and Science. This is to support students in further developing the high standards of literacy and numeracy which will underpin their success and high achievement in other GCSE subjects. The lesson allocation by subject and year is outlined overleaf:

Subject	Y10 Teaching periods (hours) per fortnight	Y11 Teaching periods (hours) per fortnight
CORE SUBJECTS	All students study for GCSEs in English Language, English Literature and Mathematics. As a core, they will then either study for GCSEs in Combined Science, with an allocation of 9 teaching hours/fortnight, or will study for three separate GCSEs in Physics, Chemistry and Biology for 14 teaching hours/fortnight, encompassing an extra allocation of 5 hours from one of their options.	
GCSE English Language	4	4
GCSE English Literature	4	4
GCSE Mathematics & GCSE Further Mathematics*	8	8
GCSE Science	9	9
OPTIONAL SUBJECTS:	All students have chosen four options from the following GCSE subjects: Triple Science, Computing, French, German, Spanish, History, Geography, Religious Studies, Design Technology (Product Design, Textiles or Food and Nutrition), Art, Music, Drama, Business, Sociology.	
Option 1	5	5
Option 2	5	5
Option 3	5	5
Option 4	5	5
ADDITIONAL OPTION:	Students either study for an extra GCSE in PE or Dance; or follow a programme of 3 PE lessons per fortnight and one PSE lesson per week.	
Core PE and PSE or	5	5
GCSE PE/ GCSE Dance	5	5
Total	50	50

It is the expectation that a majority of students will study a language in Years 10 and 11 at GCSE.

*Approximately 30 students from the top sets in Maths will be entered for GCSE Further Mathematics also, skills for which will be taught in timetabled Maths lessons in Year 11.

Classes and setting

A range of setting is used to meet students' learning needs, as appropriate to subject. In some subjects, classes are mixed up, maintaining a variety of student ability. In other subjects, students are set by ability to help the teaching staff differentiate the curriculum delivery.

Where subjects set by ability there is usually the facility for students to move between sets if it becomes apparent that their performance is in-line with a different teaching group whether it be a higher or a lower set. PE Games is taught in single gender groups. The setting arrangements by subject and year are outlined overleaf:

	Year 10	Year 11
Mixed ability	Option subjects Combined Science Triple Science Core PE PSHE	Option subjects Combined Science Triple Science Core PE PSHE
Ability sets	English Lang English Lit Maths	English Lang English Lit Maths

Key Stage 4 Homework

A homework timetable is in operation for students in Years 10 and 11 this academic year. The purpose of homework is to both reinforce and develop the learning that takes place in the classroom. As such, staff issue appropriate homework tasks of at least 1 hour per subject duration as per the schedule outlined in this section of the booklet. Where 'Block X' is written, this refers to students' GCSE option subjects and the class they are in- which can be found on their lesson timetable. All students are taking one subject from each of Blocks A, B, C and D. Please note they indicate the days on which homework will be set, not necessarily the days on which it should be completed.

Year 10 Homework Timetable

	Monday	Tuesday	Wednesday	Thursday	Friday
Week A	<u>Maths</u> <u>Block A subject:</u> Art Business Studies Computing Food Drama French Geography Graphics History Music Resistant Materials Sociology Spanish	<u>Block C subject:</u> Art Business Studies Drama Geography History Resistant Materials PE Dance	<u>Triple Science</u> <u>Block D subject:</u> Business Studies Computing Drama Food Geography Graphics History Religious Studies Sociology	<u>English</u> <u>Combined Science</u> <u>Triple Science</u>	<u>Block B subject:</u> Art Business Studies German Geography Graphics History Music Resistant Materials Religious Studies Sociology
Week B	<u>Maths</u> <u>Block B subject:</u> Art Business Studies German Geography Graphics History Music Resistant Materials Religious Studies Sociology	<u>Block C subject:</u> Art Business Studies Drama Geography History Resistant Materials PE Dance	<u>Block D subject:</u> Business Studies Computing Drama Food Geography Graphics History Religious Studies Sociology	<u>Block A subject:</u> Art Business Studies Computing Food Drama French Geography Graphics History Music Resistant Materials Sociology Spanish	<u>English</u> <u>Combined Science</u> <u>Triple Science</u>

Year 11 Homework Timetable

	Monday	Tuesday	Wednesday	Thursday	Friday
Week A	<u>Combined Science</u> <u>Triple Science</u> <u>Block A subject:</u> Art Business Studies Computing German Drama French Geography Graphics History IT Religious Studies	<u>Block D subject:</u> Art Computing Drama French Geography Graphics History Resistant Materials Sociology Textiles	<u>Block C subject:</u> Business Studies Computing German Food Geography History Music Religious Studies Spanish PE Dance	<u>English</u> <u>Combined Science</u> <u>Triple Science</u>	<u>Maths</u> <u>Block B subject:</u> Art Business Studies Geography History IT Music
Week B	<u>Combined Science</u> <u>Triple Science</u> <u>Block C subject:</u> Business Studies Computing German Food Geography History Music Religious Studies Spanish PE Dance	<u>Block D subject:</u> Art Computing Drama French Geography Graphics History Resistant Materials Sociology Textiles	<u>Triple Science</u> <u>Block B subject:</u> Art Business Studies Geography History IT Music	<u>Block A subject:</u> Art Business Studies Computing German Drama French Geography Graphics History IT Religious Studies	<u>Maths</u> <u>English</u>

Curriculum Overview for GCSE English Language & GCSE English Literature

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
<p>Literature: Study of 'A Christmas Carol' by Charles Dickens: close analysis, text in context.</p> <p>Language: Study of Non-Fiction comprehension, analysis and comparison (21st Century and 19th Century articles) and Non-Fiction writing: compositional, organisational and technical writing skills.</p>	<p>Literature: Completion of 'A Christmas Carol' and WJEC Poetry Anthology (18 poems to cover): close analysis, comparison, text in context.</p> <p>Language: Non-Fiction work continued from Autumn Term</p>	<p>Literature: WJEC Poetry Anthology continued.</p> <p>Language: Speaking and listening assignment – a speech to be performed on a topic of the students' choice.</p>

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
<p>Literature: Study of Shakespeare's 'Macbeth': close analysis of language, character and theme.</p> <p>Language: Study of Fiction comprehension (20th Century prose) and Fiction writing: compositional, organisational and technical writing skills.</p>	<p>Literature: Completion of 'Macbeth' and Unseen Poetry: close analysis and comparison.</p> <p>Language: Fiction work continued</p>	<p>Literature: Revision</p> <p>Language: Revision</p>

Curriculum Overview for GCSE Mathematics & GCSE Further Mathematics

Year 10

<i>Autumn Term</i>		<i>Spring Term</i>		<i>Summer Term</i>	
HIGHER	FOUNDATION	HIGHER	FOUNDATION	HIGHER	FOUNDATION
Number and Sequences, Ratio and Proportion, Angles and Bearings, Transformations, Construction and Loci, Algebraic Manipulation, Length, Area and Volume, Linear Graphs	Angles and Bearings, Primes, Factors and Multiples, Approximations and Rounding, Decimals and Fractions, Linear Graphs	Pythagoras and Trigonometry, Similarity, Exploring and applying Probability, Powers and Standard form	Expressions and Formulae, Ratio, Speed and Proportion, Area and Perimeter, Transformations, Probability and Events	Equations and Inequalities, Powers and Surds, Quadratic Equations, Sampling and Statistical Diagrams	Volumes and Surface Area of Prisms, Linear Equations, Percentages and Compound Measures, Percentages and Variation

Year 11

<i>Autumn Term</i>		<i>Spring Term</i>		<i>Summer Term</i>
HIGHER	FOUNDATION	HIGHER	FOUNDATION	
Combined Events, Properties of Circles, Variation, Triangles, Graphs Further topics for GCSE Further Mathematics in Set 1	Statistics: Representation and interpretation, Constructions and Loci, Curved shapes and Pyramids, Number and Sequences, Right-angled Triangles	Algebraic fractions and functions, Vector geometry Further topics for GCSE Further Mathematics in Set 1	Congruency and Similarity, Probability: Combined events, Powers and Standard form, Simultaneous equations and linear inequalities, Non-linear graphs	REVISION & EXAMS

Curriculum Overview for GCSE Combined & GCSE Triple Science

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Atomic Structure, The Periodic Table, Structure and Bonding, Conservation & Dissipation of Energy, Energy Transfer by Heating, Energy Resources, Cells, Organisation & the digestive system, Organising animals & plants	Chemical Calculations, Chemical Changes, Electric circuits, Electricity in the home, Molecules and matter, Disease and Respiration	Electrolysis, Energy Changes, Rates & Equilibrium, Radioactivity, Forces in balance, Motion, The human nervous system and Hormonal coordination and Homeostasis

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Rates and Energy, Structure, Bonding and Properties, Forces & motion, Pressure & surfaces, waves, Reproduction, Variation, Genetics & evolution,	Salts and Electrolysis, light, Electromagnetism and Ecology	How Much – Chemistry Calculations Revision and exam preparation

Curriculum Overview for Languages

*Students study the same topics for vocabulary and grammar across French, German and Spanish, and develop GCSE level skills across the four fundamental areas of Speaking, Listening, Reading & Writing.

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Me, My family and Friends Home town, neighbourhood and region. My studies Free time activities	Social issues at school/college. Customs and festivals in Spanish speaking countries	Travel and Tourism Education Post 16 Transition to year 11: Me, my family and friends

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Global issues Social issues Career choices and ambitions Technology in everyday life	Technology in everyday life Global issues	Revision and preparation for Assessment

Curriculum Overview for GCSE History

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Nazi Germany- Weimar Government, Rise of Hitler, Nazi Social and Economic policies	Cold War- Beginnings of the Cold War 1945-1960 (Cuban Missile Crisis, Berlin Wall)	Cold War- 1970-1991 (Soviet invasion of Afghanistan, Fall of the Berlin Wall, Collapse of the Soviet Union, Elizabeth I

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Elizabeth I, Medicine thematic study - 1000 years	Medicine thematic study - 1000 years	Revision/Exam

Curriculum Overview for GCSE Geography

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Ecosystems, Biodiversity and Management	Changing Landscapes of the UK – Coasts and Rivers	Changing Cities

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Population Change	Water on the Land	Tourism

Curriculum Overview for GCSE Art

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
1. Natural world – mixed media Artists; Jon Shaw, Nicola Hicks, Maggi Hambling, Turner, Frink	1. Natural world – mixed media 2. Natural forms – sculpture	2. Natural forms – sculpture Artists; Moore, Randall-Page, Hicks, Goldsworthy

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Independent project (Mock exam including 5 hour timed test)	1. Refining all coursework from the beginning of year 10. 2. External exam preparation Gallery visit	1. External exam preparation 2. 10 hour timed test

Curriculum Overview for GCSE Business Studies

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Spotting a Business Opportunity Showing Enterprise	Putting a Business Idea into Practice Making the Start-up Effective	Understanding the Economic Context

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Marketing Meeting Customer Needs	Effective Financial Management Effective People Management	The Wider World Exam revision

Curriculum Overview for GCSE Computer Science

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Unit 1 – Computer Systems System Architecture, Memory, Storage, Networks, System Security Python Programming	Unit 1 – Computer Systems System Software, Ethical, Legal and Environmental Concerns. Python Programming	Unit 2 - Computational thinking, algorithms and programming Algorithms, Programming Techniques, Producing robust programs Python Programming

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Unit 2 - Computational thinking, algorithms and programming Computational logic, Translators and facilities of languages, Data representation Unit 3 – Programming Project Success criteria, Planning and design	Unit 3 – Programming Project Development, Testing and remedial actions and Evaluation. Unit 1 & 2 Revision and Exam Technique	Unit 3 – Programming Project Finish off project Unit 1 & 2 Revision and Exam Technique

Curriculum Overview for GCSE Dance

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Technique Motif Development Safe Dance Practice Choreography approaches Study of 'Shadows', by Christopher Bruce	Use of different stimuli to create movement Learn two of the 'set phrases' for unit 1 Study of 'Infra', by Wayne McGregor and 'Within Her Eyes', by James Cousins	Solo choreography task Study of 'Emancipation of Expression' by Kendrick H2O Sandy Study of 'A Linha Curva' by Itzik Galili

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Group dance based on two set phrases Study of 'Artificial Things' by Lucy Bennett	Rehearsal and revision ready for practical and theory exams	Rehearsal and revision ready for practical and theory exams

Curriculum Overview for GCSE Drama

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
OCR GCSE Focus on skills, group cohesion, learning to write about drama including Live Theatre Evaluation.	Script work Exploration of set text 'Missing Dan Nolan'	Devising Students create their own piece of theatre from a range of stimuli. This is internally assessed and externally moderated. Students complete a written portfolio

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Text in Performance Students perform 2 extracts from a play. This is externally assessed.	Continue to explore the set text. Exam preparation	Exam preparation

Curriculum Overview for GCSE Food

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Nutrition and the needs of individuals. Menu planning. Selecting and preparing ingredients	Diet and disease. Food choice and food provenance. Functions of ingredients	Food Science, investigative practical work Advanced practical skills

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Non Examined Assessment – Food Investigation Task 1 15% with written report 1500-2000 words	Non Examined Assessment – Food preparation Task 2 3 hour practical exam 35% with portfolio 10 sides A3	Written Exam 50% 1hr 30mins

Curriculum Overview for GCSE Design & Technology (Resistant Materials and Graphics)

Students follow topics and skills specific to their chosen discipline of Graphics or Resistant Materials in Year 10 then follow the core Design & technology elements in Year 11.

Year 10 Resistant Materials		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Torch Skills: CAD/CAM, joining dissimilar materials, properties of plastics, exploded drawing, electrical systems.	Chair Skills: joint making, use of drilling jigs, properties of woods. Orthographic/ isometric projection.	CAM Toy Skills: mechanisms (CAMS), drilling jigs, assembling and accuracy, batch production, orthographic/ isometric projection.

Year 10 Graphics		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Re – styling a bottle Skills - Orthographic, isometric & Rendering Techniques. What’s on a pack – net developments and hand drawn graphics and the environment?	1 x live brief - industry links Skills - Working with industrial methods and practices This changes depending on company or competition. Last year a POSD for a florists window display with Stylo graphics was the task. CD – Covers and inners Manufacturing in industry and using laser cutter 2D Design.	POSD Point of sale displays Skills- Corporate ID for a live opening, last year was the new splash park in Hemel Hempstead Pop up party invites Skills -- hand cutting schematic maps designers

Year 11 Design & Technology

<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
<p>Controlled assessment NEA</p> <p>Unit A,B & C,D</p> <p>Identify & Investigate Clients wants & needs</p> <p>Design Brief & Specification</p> <p>Generating design Ideas Developing design ideas Product development and modelling prototypes.</p>	<p>Controlled assessment NEA</p> <p>Unit E & F</p> <p>Realising design ideas Making product – practical Technical drawings Manufacturing Specification</p> <p>Analysing and Evaluating</p> <p>The NEA makes 50% of the GCSE 30-35 hours 100 marks.</p>	<p>Revision for the Exam -Paper 1 2 h paper 100 marks 50% of the GCSE</p> <p>Revision for exam</p> <p>Core technical principles</p> <p>Specialist technical principles</p> <p>Design and making principles Revision from the Specification Past papers Revision guides and workbook Technologystudent.com</p>

Curriculum Overview for GCSE Music

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
AQA Area of Study 2: Popular Music	Area of Study 2: Film and computer gaming music 1990s to present Area of Study 3: Traditional Music	Area of Study 1: Western Classical Tradition 1650 - 1910

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
OCR Revision of all Areas of Study: Dance Music Indian Classical Music Classical Music Programme Music Solo Performance Coursework recording Creative Task Preparation Waltz Composition	OCR Revision of all Areas of Study: Dance Music Indian Classical Music Classical Music Programme Music Ensemble Coursework recording Creative Task Preparation Integrated Composition	OCR Revision of all Areas of Study: Dance Music Indian Classical Music Classical Music Programme Music Deadline for submission of all coursework Creative Task Examination Listening Paper Examination

Curriculum Overview for GCSE PE

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
<p>Theory – students study the anatomy and physiological effect of exercise on the body.</p> <ul style="list-style-type: none"> • Muscular system • CV System. 	<ul style="list-style-type: none"> • Respiratory system • Functions of the skeleton. • Classification of bones • Classification of Joints • Short term effects of exercise • Long term effects of exercise • Graphical representations of heart rate, SV and CO(Q) 	<ul style="list-style-type: none"> • Levers • Planes and Axes • Health fitness and exercise • Components of fitness • Reasons for limitations of fitness testing • Fitness testing data Principles of training

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
<p>Theory – students study the anatomy and physiological effect of exercise on the body.</p> <ul style="list-style-type: none"> • Muscular system • CV System. • Somatotyping. • Eating disorders. • Diet, Health and hygiene. 	<ul style="list-style-type: none"> • Respiratory system • Functions of the skeleton. • Classification of bones • Classification of Joints • Short term effects of exercise • Long term effects of exercise • Graphical representations of heart rate, SV and CO(Q) 	<p>Revision for the examination and exam technique</p>

Curriculum Overview for PSE

Within each year, topics are taught on a termly rota.

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Personal relationships Sex education	Citizenship ICT	iWood Careers

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Moral Dilemmas Careers	Study Skills Financial Capability	Health and well being Citizenship

Curriculum Overview for GCSE Religious Studies

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Why do Christian groups have different values and beliefs? Do different values on marriage and the family matter in society?	Can Buddhism be termed more as a philosophy than a religion? Is there one most important reason for the punishment of criminals?	Should all Christians live a certain way based on their key beliefs? How does science and religion differ in theories about the origins of life?

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Why are issues about matters of life and death important? Should all Buddhists live a certain way based on their key beliefs?	Can important lessons be learnt from historical wars and conflicts? Revision of all 8 topics covered throughout the GCSE course	Targeted revision – exam technique, sample and practice answers

Curriculum Overview for GCSE Sociology

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
<p>Unit 1: Understanding Social Processes. Culture, socialisation, identity Agencies of socialisation.</p>	<p>Unit 1: The Family.</p>	<p>Unit 1: The Family (continued). Unit 2: Understanding Social Structures. Inequality, Discrimination, Prejudice, Status.</p>

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
<p>Unit 2: Power, Wealth, Elites, Life Chances. Class, gender and ethnicity and inequality. Crime and Deviance.</p>	<p>Unit 2: Crime and Deviance (continued). Sociological Research methods. Exam preparation and revision.</p>	<p>Revision and exam preparation.</p>

Curriculum Overview for GCSE Textiles

Year 10		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
<p>Making skills - Practical -Theory - Fibres and fabrics fabric construction and properties, tools and equipment and components.</p>	<p>Making skills - Practical - Theory - Materials and components, Finishing processes, Design and market influence, Product analysis, SCM & E Issues, Processes and manufacture, production planning and IT.</p>	<p>These two projects overlap throughout the two terms along with design ideas etc. getting them ready for their GCSE project.</p>

Year 11		
<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
<p>Controlled assessment NEA</p> <p style="text-align: center;">Unit A,B & C,D</p> <p>Identify & Investigate Clients wants & needs</p> <p>Design Brief & Specification</p> <p>Generating design Ideas Developing design ideas Product development and modelling prototypes.</p>	<p>Controlled assessment NEA</p> <p style="text-align: center;">Unit E & F</p> <p>Realising design ideas Making product – practical Technical drawings Manufacturing Specification</p> <p>Analysing and Evaluating</p> <p>The NEA makes 50% of the GCSE 30-35 hours</p> <p style="text-align: center;">100 marks.</p>	<p>Revision for the Exam -Paper 1</p> <p>2 h paper 100 marks 50% of the GCSE</p> <p>Revision for exam</p> <p style="text-align: center;">Core technical principles</p> <p style="text-align: center;">Specialist technical principles</p> <p>Design and making principles Revision from the Specification Past papers Revision guides and workbook Technologystudent.com</p>