



ST. CATHERINE'S COLLEGE

A CHURCH OF ENGLAND ACADEMY

Learning overview for Design & Technology

Year Group: 11

Term	Key topics / scheme of work	What most pupils will learn	Key skills used?	How will this learning be assessed?
Term 1	<i>NEA (course work).</i> <i>Revision of key words.</i>	The course work (called NEA (Non-Exam Assessment)) is worth 50% of the total GCSE mark. Pupils will spend three terms completing the design folder and create the practical outcomes of those designs. The course work must be undertaken in school. There will be theory lessons at regular intervals so that the curriculum covered in previous years is not forgotten.	The NEA is a lovely opportunity for pupils to integrate their own interests with the design and manufacture of a solution to the design context provided by the exam board. Pupils can enhance and support their learning by taking an active interest in the construction and the use of products that have a similar function to the product that they are designing. An essential part of the GCSE course is completing of homework to a good standard.	Ongoing teacher assessment. The NEA is marked holistically. To support pupil progress, their teacher will provide guidance and advice as the NEA project progresses. Assessment of homework.
Term 2	<i>NEA (course work).</i>	Pupils will learn how to; investigate, create ideas,	The investigation, planning and undertaking of the complete design process. This will include imaginative	Ongoing teacher assessment. Short tests. Continuous tests on key concepts.





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	<i>Revision of key concepts.</i>	develop those ideas, and plan the manufacture of their solution to the exam board's design context.	sketching with pencils onto A3 paper and CAD (Computer Aided Design) drawings. Pupils will create plans and cutting lists, make models and use materials such as timber, plastic, and metal to create a final design.	Assessment of homework. Mock exam at the end of term 2.
Term 3	<i>NEA (course work).</i> <i>Revision of key concepts.</i>	Completion and evaluation of the work undertaken in the Major Project.	The investigation, planning and undertaking of the complete design process. This will include imaginative sketching with pencils onto A3 paper and CAD drawings. Pupils will create plans and cutting lists, make models and use materials such as timber, plastic, and metal to create a final design.	Teacher assessment of the NEA. This work is moderated within the school before being moderated externally in term 4. Assessment of homework.
Term 4	Revision lessons	Pupils will revise the GCSE DT syllabus. Revision will also be set as homework.	Revision skills and practise of knowledge recall.	Feedback to pupils on their success in their revision work. Exam papers undertaken as practise and assessed with formative feedback. Assessment of homework.





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Term 5	<i>Revision lessons</i>	Pupils will revise the GCSE DT syllabus. Revision will also be set as homework.	Revision skills and practise of knowledge recall.	Feedback to pupils on their success in their revision work. Exam papers undertaken as practise and assessed with formative feedback. Assessment of homework.
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