

# St. Aidan's Catholic Academy

## Y11 Design Technology

Term	Curriculum Content	Suggest Reading or Extension Activities
Autumn 1	Major Project – Design development and plan of manufacture. Students are required to find a client and chose a given design brief. They then work through the design process to develop a design which meets the requirements of the client.	Regular one to one feedback will provide students with personalised targets to suit each learners needs. Extension tasks and suggested DIRT tasks will be discussed during tutorials.
Autumn 2	Major Project – Design development and plan of manufacture Students build a high quality model of the chosen product. The model is tested and feedback is collected from the client.	Regular one to one feedback will provide students with personalised targets to suit each learners needs. Extension tasks and suggested DIRT tasks will be discussed during tutorials.
Spring 1	Major Project – Design development and plan of manufacture Student complete their powerpoint presentation and submit it and the model for marking	Regular one to one feedback will provide students with personalised targets to suit each learners needs. Extension tasks and suggested DIRT tasks will be discussed during tutorials.
Spring 2	Revision – cover exam board theory in preparation for the summer exam. Assessment will be through mock exams every 2 weeks.	A review of mock exam performance will highlight areas individual students need to improve upon.
Summer 1	Revision - exam practice. A review of previous AQA exam papers which includes practice for the drawing exercise, how to answer questions and key words.	A review of mock exam performance will highlight areas individual students need to improve upon.
Summer 2	Revision – personal. Students will identify areas they would like to develop in preparation for the summer exam. This will include drawing techniques, colour and shading, sequencing tasks etc.	A review of mock exam performance will highlight areas individual students need to improve upon.

Term	Assessment Tasks
Autumn 1	Major project – powerpoint with ideas and plan of manufacture
Autumn 2	Major project – building model
Spring 1	Major project – completion of powerpoint with testing and evaluation
Spring 2	Revision – cover all theory required for the final exam and sit a mock exam every 2 weeks
Summer 1	Revision – working through past papers, practice answering questions to gain full marks, key exam terms, drawing practice
Summer 2	Revision – personal revision

Parents /Carers can help their child by:	Checking what homework has been given, checking it has been done and reading through it when complete. Supplying students with drawing and writing equipment would be beneficial. This includes some good quality drawing and colouring pencils and basic drawing equipment such as a compass, set squares and a protractor.
Useful websites	<a href="http://www.technologystudent.com/">http://www.technologystudent.com/</a> <a href="http://www.bbc.co.uk/schools/gcsebitesize/design/">http://www.bbc.co.uk/schools/gcsebitesize/design/</a>
Revision Sources	<a href="http://www.technologystudent.com/">http://www.technologystudent.com/</a> <a href="http://www.bbc.co.uk/schools/gcsebitesize/design/">http://www.bbc.co.uk/schools/gcsebitesize/design/</a>
Extra Curricula Activities	Practice shaping materials if facilities are available at home. Practice drawing techniques covered in lessons.

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