

GCSE Design and Technology- Y9 Transition

GCSE Design & Technology allows students to design and make quality products that demonstrate their individual levels of creativity and originality whilst working in a variety of materials and employing a wide range of manufacturing skills and techniques.

This qualification is modern and relevant, so students can learn about contemporary technologies, materials and processes, as well as established practices.

Students will use their creativity and imagination to design and make prototypes that solve real and relevant problems, considering their own and others' needs, wants and values.

Preparation	<p>Be motivated about the subject. Who is your favourite designer? Don't have one? Find out more. Here are some popular one that you could investigate.</p> <p>Be mindful of the things you have learned and continue to learn in DT & Textiles as it is all relevant to what you will learn at GCSE in this subject.</p>	
Overview of course	<ul style="list-style-type: none"> ✓ Exam Board: AQA ✓ External exams: Unit 1 Examination (50%) ✓ A single 2 hour exam taken at the end of Year 11 and focusing on student's knowledge of the subject content; <ul style="list-style-type: none"> ○ Core technical principles ○ Specialist technical principles ○ Designing and making principles ✓ Non-Examined Assessment (50%) ✓ A single substantial design and make task is produced in response to a Contextual Challenge set by the AQA Examination Board. Students enjoy working on this ✓ 'extended project' in addition ✓ to a number of 'practice tasks' which ✓ run throughout the course giving plenty ✓ of opportunity to design and make their ✓ own products in a practical ✓ environment. The NEA is broken ✓ down into 4 areas: <ul style="list-style-type: none"> ○ Investigation ○ Designing ○ Making ○ Analysing and Evaluating 	
Short term focus: Term 1	<p>In the Autumn term, students have one lesson timetabled lesson in the workshop. In this lesson, students learn, develop and refine practical skills.</p> <p>In the other two lessons, students investigate a variety of materials, processes and the wider world of product design.</p>	
Careers & Suitability	<p style="text-align: center;">This course would suit you if:</p> <p>You have enjoyed DT in year 7,8 and 9.</p> <p>You have an interest in problem solving and making things.</p> <p>You are resilient and are able to take design risks.</p> <p>You can tackle maths question in an exam setting.</p>	<p style="text-align: center;">Careers:</p> <p>This subject will always teach you about the world we live in and how to problem solve – abilities that will benefit you even if your career is not in this sector, however the following are specific roles in this industry:</p> <ul style="list-style-type: none"> • Architect • Industrial Designer • Set Designer • Interior Designer • Research and Product Development. • Graphic Designer • Landscape Architect • Advertising and Marketing