



AQA GCSE IN DESIGN & TECHNOLOGY: RESISTANT MATERIALS TECHNOLOGY

INTRODUCTION

The AQA GCSE in Design and Technology: Resistant Materials Technology is designed to encourage students to be able to design and make products with creativity and originality using a range of practical skills, techniques and processes. The aim of this qualification is to allow students to develop:

- Their creative thinking when designing and making products
- An understanding of the design principles of form, function and fitness for purpose when fabricating products
- Their problem-solving and decision-making skills in design and make scenarios
- An understanding of the role that designers and product developers have and their impact on society
- Their confidence when embarking on the design process journey, that focuses on their product’s conceptual phase, evolution and realisation stages
- An ability in the use of ICT skills and technology when engaged in a given design and make activity

ENTRY REQUIREMENTS

- A good school report
- 5 GCSEs at grade E or above

COURSE STRUCTURE

This qualification is equivalent to one GCSE grade and has a one-year duration. This programme consists of two compulsory units.

- Unit 1 Written Paper: 2-hour exam paper based on pre-release board material (40% of final qualification grade)
- Unit 2 Designing and Making in Practice: A coursework based on a single design and make activity selected from a range of board set tasks (60% of final qualification grade)

UNITS OF WORK	
Unit 1	Written Paper
Unit 2	Designing & Making in Practice