



St Margaret Ward  
Catholic Academy  
Sixth Form

# PRODUCT DESIGN

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## A LEVEL

Proud partner of  
Trinity Sixth Form





# PRODUCT

## What is the level of course I will take?

A Level Product Design with AQA

## What level of GCSEs do I need to take this course?

Minimum of 5 x GCSE grade 5 and a minimum Grade 6 in both GCSE Design and Technology and Maths. If you have not studied this subject at GCSE, please speak to a member of staff.

## How will I be assessed?

Two written exams of short and extended responses.

Paper 1: Technical Principles (30%)

Paper 2: Designing and Making Principles (20%)

Non-Exam Assessment (NEA): Practical application of technical principles and designing and making principles (50%). This is a substantial Design and Make project through a written or digital design portfolio and photographic evidence of the final prototype.

# DESIGN

## Course Content

This creative and thought provoking qualification gives students the practical skills, theoretical knowledge and confidence to succeed in a number of careers. Especially those in the creative industries.

Students will investigate historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put their learning in to practice by producing prototypes of their choice.

Students will be encouraged to take design risks; showing innovation and enterprise whilst considering their role as responsible designers. They will develop intellectual curiosity about the design and manufacture of products and systems, and their impact on daily life and the wider world. They will work collaboratively to develop and refine their ideas, responding to feedback whilst gaining an insight into the creative, engineering and/or manufacturing industries.

Students will be encouraged to develop the capacity to think creatively, innovatively and critically through focused research and the exploration of design opportunities arising from the needs, wants and values of users. They should develop an in depth knowledge and experience of real world contexts for design and technological activity whilst integrating an in-depth knowledge and understanding of materials, components and processes associated with the creation of products that can be tested and evaluated in use.

Students make informed decisions leading to the creation and analysis of a design concept which uses a range of skills and knowledge from other subject areas, including Maths and Science, to inform decisions in design and the application or development of technology. This underpins the ability to work safely and skilfully in the production of high quality prototypes/products.

## How will the course help me after Sixth Form?

A Level Product Design can lead to many Higher Education courses from Product and Transport Design & Manufacturing, Architecture, Engineering and Product Development through to careers in the Forces and Scientific Industries.



For further information,  
scan the below QR code

