

A Level Product Design



Why this subject?

Everything is designed, just everything, from the watch on the wrist to the app on your phone to the washing machine you clean your clothes with. Everything is becoming more user focused and functionality is key in a modern society, but it still needed to look good!

Students on this course study how to design and why we design. Along with this we look at the history of design, where we have come from and how we are influenced. We don't, however, forget our core principles and still know that students love making creative products.

Course Outline

Year 12

Skills assignments

Practice designing project: Students produce a very high quality, innovative and creative product. Students follow the design process as at GCSE level to design and make a product for a specific context followed by evaluating its overall effectiveness

Subject knowledge to compliment the design assignment:

Material performance and characteristics, materials and manufacturing processes and techniques, digital technology, development of products, technological developments, risk assessment and extended answering.

Year 13

45 hour Design and Make assignment: Students produce a very high quality, innovative and creative product. Students follow the design process as at GCSE level to design and make a product for a specific context followed by evaluating its overall effectiveness.

Subject knowledge to compliment the design assignment:

Material performance and characteristics, materials and manufacturing processes and techniques, digital technology, development of products for a cleaner environment, technological developments, legislation, risk assessment and extended answering.



Key Information

Exam Board	Edexcel
Qualification Type	A Level
Entry Requirements	Applied A Level Pathway. Level 6 Design Technology Product Design
Head of Department	Mrs O'Malley

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Assessment Outline

A Level

Design and Make Assignment (50%)

Theory Examination (50%)

45 hour Design and Make assignment:

Students produce a very high quality, innovative and creative product. Students follow the design process as at GCSE level to design and make a product for a specific context followed by evaluating its overall effectiveness.

Subject knowledge to compliment the design assignment:

Material performance and characteristics, materials and manufacturing processes and techniques, digital technology, development of products for a cleaner environment, technological developments, legislation, risk assessment and extended answering.



Careers and next steps

Creativity can take many forms and is highly prized in many different industries and professions, as it leads to innovation and new ways of solving problems. There are many varied careers paths within the creative industries which can lead on from Design Technology to Architecture or Design courses. Design Technology A Level is a very good stepping stone to a wide variety of Higher Level Apprenticeships that are available at some of the most well know companies in the world.

Design Technology Students leaving in the last two years have gone on studied a wide range of subjects at well respected universities and secured higher level apprenticeships. University courses our students have followed include Engineering, Civil Engineering, Graphic Design and Architecture.

