

3D Product Design

A-level Design and Technology: Product Design (3-D Design) helps students take a broad view of design and technology, develop their capacity to design and make products and appreciate the complex relations between design, materials, manufacture and marketing. As a subject we are interested in cultivating viable marketable products that solve genuine problems. Students will develop skills in communication through multiple digital and traditional methods. Develop their understanding of modern industry whilst being conscious of its effect on our planet and increase their ability to problem solve whilst always remaining creative.

Course Outline

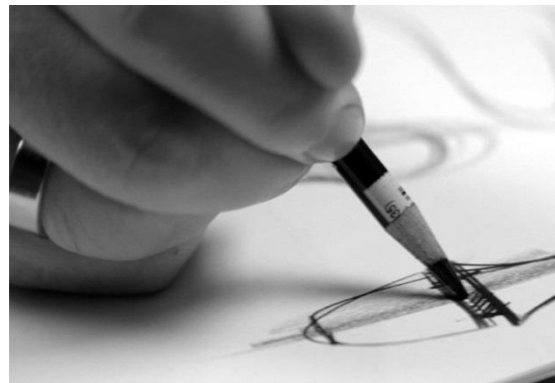
AS and A-Level product design are decoupled however are studied as a linear course.

50% Theory covering topics such as:

- Materials and their applications
- Performance characteristics of materials
- Enhancement of materials
- Modern industrial and commercial practice
- Digital design and manufacture
- Health and safety
- Design for manufacturing, maintenance, repair and disposal
- Designing and making principles

50% Non-exam assessment (NEA):

Students must undertake a substantial design and make task and produce a final prototype based on a context and design brief developed by AQA in Year 12 or by the student in Year 13.



Career Progression

Product Design/Design and Technology graduates have a wealth of opportunity for progression due to the high demand for engineers and creatives in London. Some of the best Design Universities in the world are on your door step and lead to a variety of jobs such as graphic design, web design, illustration, direction, app developer, architect, set designer, materials engineer and advertiser.

Complementary Subjects

Product Design shares common topics with Science, Geography, History, Art, Business Studies and Maths.

Entry requirements

Students must have at least a grade B in any of the GCSE Design and Technology disciplines.

What our Students say:

"It is a wonderful subject where the ideas and development hold so much more value that I ever thought possible. It has really opened me up to developing my ideas and realising that there are always improvements. "

Hammad – Class of 2018