



Design Technology - Product Design A level



DESIGN TECHNOLOGY – PRODUCT DESIGN A LEVEL RESISTANT MATERIALS

CONTACT: MR BALL & MR SOMERFIELD

Why should I study Design & Technology: Product Design?

During this course, students can respond creatively to one or more design briefs, set by the teacher or the student. The goal is to produce solutions that are both fit for purpose and market viable. Students will demonstrate creativity and flair, using design skills, through the production of a range of alternative approaches. Using the best aspects of their initial designs, they will develop and refine their ideas, with the aid of modelling, into a final workable design proposal that will satisfy the brief. Once their idea has been fully developed into a viable product, they must communicate their design intentions to potential users.

What skills can I gain?

Skills include the ability to show the development process, such as series of photographs taken

during the process of construction or manufacturing, showing advanced techniques, use of specific tools and materials, and degrees of complexity. In addition, this course will help develop such skills as application of number; communication - oral, written and graphical; information and communication technology including CAD/CAM; working with a range of graphic modelling materials and processes; problem solving and working with others. The course will also provide an understanding of moral, ethical, social and cultural issues, together with an awareness of environmental impact and health & safety considerations.

What career paths could be followed?

Students, male and female, would find this course interesting, challenging and rewarding. Successful completion of the course could lead to careers in design related professions, such as Product Design,

Engineering, Architecture, Environmental Development, Teaching etc.

Subject Combinations

Design Technology would go well with:

Business/Catering/ ICT/ Mathematics/Physics



Website

<https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/design-technology-product-design-2017.html>

