#### PRODUCT DESIGN

# **DESIGN**TECHNÖLOGY

#### KEY STAGE

Each of the Key Stage 3 projects emulate the structure of GCSE coursework or a BTEC assignment. This helps students develop the skills and knowledge for GCSE and BTEC



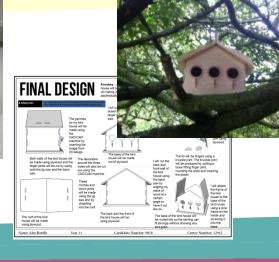




### KEY

During Year 11
Product Design
students will pick
from a range of
possible contexts
and design,
develop and
manufacture a
complex working
product.





### STAGES

Students who

continue into the sixth-form will build on the skills, knowledge and experience they have gained to create a more ambitious, professional and fully realised final prototype.









## **DESIGN**TECHNÖLOGY

At Key Stage 4 you can pick between 2 different Design & Technology subjects:

**Product Design** encourages you to design and make quality products with through a variety of practical activities using a range of materials and techniques. You will create an A3 evidence folder which will show the development of your product from initial designs to completed prototype.

Construction and the Built Environment is a workshop based course which is highly regarded as a college entry qualification for those who wish to follow a more practical based course. It aims to give learners the opportunity to gain a broad knowledge and understanding of, and develop skills in, the construction industry.



#### PRODUCT DESIGN

What courses or careers can this courses lead to?

- Product Design at AS/A2 level
- Product/Furniture design
- Graphic design
- Architecture
- Engineer mechanical, civil, aero.
- Surveyor
- CAD Technician/Modeller
- Packaging design
- Product Research and development
- Interior design



## BTEC FIRST CONSTRUCTION

What courses or careers can this lead to?

- BTEC Construction level 3
- Joinery
- Carpentry
- Plumbing
- Roofing
- Brick laying
- Project management
- Welding
- Construction engineering
- Electrical engineering
- Sign making
- Mechanic
- Maintenance engineer