

SUBJECT: GCSE DT - Product Design

YEAR: 11

HEAD OF DEPARTMENT: Mrs A Brogan

GROUPING POLICY: Mixed ability

COURSE CONTENT :

AQA Product Design <http://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-product-design-4555>

The production of a design folder with the manufacture of a piece of practical coursework. Time will also be given to the acquisition of knowledge about tools, processes and materials.

What will my child learn?

How to research to solve design problems, how to communicate design intentions and how to use various tools and equipment. Preparation for a theory exam will also be an important part of the course.

Year 10

Term 1: Students will be given an opportunity to develop their practical skills and create a portfolio of skills and knowledge of materials and processes.

Term 2: Design and make task which allows students to redesign and redevelop a simple product using materials creatively.

Term 3 and 4: Mini project – students will create a mini portfolio and make a product. They will also focus on marketing and promotion of products.

Term 5 and 6: Controlled Assessment begins. Students will complete the first 2 areas of controlled assessment.

Year 11

Term 1 – 3: Controlled assessment.

Term 4 and 5: Preparation for the exam through theory lessons and focused practical sessions.

What will homework look like?

Various forms of research and preparation to produce the design folder. Reading around the subject to improve theoretical knowledge. Exam style questions will be set throughout the course.

What enrichment opportunities are available?

After school clubs and “catch-up” sessions.

Technology Teardown

ASSESSMENT

How will my child's work be assessed?

This course is split into 2 sections.

Unit 1 – Written Exam:

This is worth 40% of their final grade.

This will take place at the end of Year 11.

Controlled Assessment 2:

This is worth 60% of the final grade.

The controlled assessment is approximately 45 hours.

It will take place in Year 11.

Students will be expected to produce a portfolio of evidence and complete a practical piece.

ADDITIONAL INFORMATION

How can I support my child in this subject?

- Encourage reading around the subject, completing homework and attending after school clubs in the subject.
- To help inspire students in relation to design by visiting museums and local architecture. Promoting photographing interesting natural forms.

How can I support my child with exams?

- Encourage reading around the subject, completing of any homework set to improve theoretical knowledge.