

GRAPHICS PRODUCTS

Course Rationale

Examination Board: OCR

Course Code: J303 Full Course

This course is intended for pupils who have chosen to specialise in the designing and making of graphics products. It is designed to give pupils opportunities to develop practical abilities, build on theoretical knowledge and gain a confidence to design, make and modify products and systems.

The Controlled Assessment Units

Assessment System

Student's controlled assessment is teacher assessed using the marking scheme criteria supplied by the Examination Board. The teacher assessment is subject to external moderation.

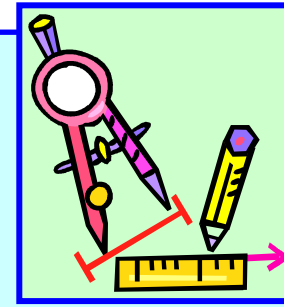
- Introduction to Designing & Making: This Unit will involve candidates researching, designing and modelling a functional prototype. Students must select from themes set out by OCR. 30% of the total GCSE marks. It is a controlled assessment [20 hours].
- Designing & Making: This Unit will focus on design and manufacture. 30% of the total GCSE marks. It is a controlled assessment [20 hours].

Safety

- A strong emphasis is placed on Health and Safety within the Department.
- Safety is a topic in every lesson.
- General safety rules apply for the protection of the individual students, their colleagues and staff.
- Each teaching area also has its own special requirements and safety is therefore taught through talks and demonstrations as and when required.

Assessment: Terminal examination.

- Two written exams where each exam contributes 20% to the final overall grade awarded.
- There are two tiers of entry - higher and foundation. The tier is selected during Year 11.



Controlled Assessment

The controlled assessment components cover all aspects of designing and making. Students must produce design folder work and practical outcomes. The controlled assessment will be produced starting towards the end of year 10 and completed in the autumn and spring terms of year 11. Some work will be prepared as home study tasks.

Deadlines

The deadline for completion of the task will be February half term. Students are always given the opportunity to improve their work if and when time permits within the bounds of controlled assessment.

Provision for Gifted and Talented

Design and Technology particularly lends itself to Gifted and Talented Students. Each student is encouraged to produce individual designs and produce high quality outcomes. This requires rigorous analysis of the task and similar products, taking into account the wants and needs of the end user.

Revision

Students are given opportunities for formal revision, after the completion of the controlled assessment and before study leave begins. Revision exercises are based on past exam papers. Students are also given exam practice through formal mock exams.

Equipment

Most equipment is supplied to students but some students may wish to provide their own.

Differentiation

- All Technology subjects afford the opportunity to students of all abilities to achieve their true potential.
- Open ended tasks form a major part of the course and teachers structure lessons to extend each student.