

Technology – Resistant Materials Year 10: OCR board

When coursework set

Coursework is now named Controlled Assessment and will commence just before October half term.

When is the coursework due?

Students will be given deadlines for each section of the project and the majority will be completed in class.

The project will take several months.

How many pieces of coursework in total?

There will be 2 controlled assessments in total (one in year 10 and the other in year 11). Each controlled assessment places focus on different aspects of the design process.

In class or completed at home?

Coursework is to be completed at school under teacher supervision. Students may be asked to come at lunchtimes or after school to complete any unfinished tasks.

Students may need to work outside of the classroom. This is acceptable provided that the teacher has supervised them carry out a significant portion of the work in class and is happy that the quality of the work submitted is of an identical standard as seen in class.

Brief description of coursework (task, length and expectation).

The students will be given a theme or choice of theme for each project as a starting point for the coursework unit (controlled assessment).

They will be assessed on their:

- Creativity and development skills
- Designing
- Making/workshop skills
- Evaluation skills.

The first controlled assessment will take place in year 10, where particular focus will be placed on the first two sections. The focus in year 11 will be more on the latter two areas.

What parents can do to help

Homework is an essential part of increasing the student's knowledge and understanding of the subject, as they are likely to be set as examination questions. Parents could ensure that all homework is completed.

Percentage of coursework as part of the final exam.

The coursework (controlled assessment) is worth 60% of the total GCSE grade. This will be a combined total of both controlled assessments.

The remaining 40% will be made up of the two examinations (one in Year 10 and the other in Year 11).

The first exam is titled Sustainable Design and consists of fifteen short answer questions. It also includes three questions requiring answers that may involve sketching, annotation, short sentences or more extended writing. The paper is one hour long and contains 60 marks.

The second exam is titled Technical Aspects of Designing and Making. This paper will consist of five questions that focus in technical aspects of designing and making. Each question is worth 12 marks and is one hour fifteen minutes long.

What students need to be able to complete coursework (resources/books/tools etc).

All students will need access to a computer at school or at home. **Learning point** is regarded a great benefit to the students and they can access specialist software and work completed at school, from home.

The students will be required to buy an A3 plastic flip folder to present their work. They will also need to purchase their own materials for final products in Year 10 and 11.

Access to a camera is useful as photographic resources at the school are limited.

Are there any revision guides recommended and where can I buy them?

The Technology Department has a supply of subject specific revision guides for sale to the students at the price of £5.

Students also have the option of purchasing on line (through the OCR website) the OCR Resistant Materials text book ISBN 978 0340 981 962.

Useful websites also include:

www.technologystudent.com and www.bbcbite-size.com

Where can I get extra information?

For further information about examinations and controlled assessments go to www.ocr.org.uk