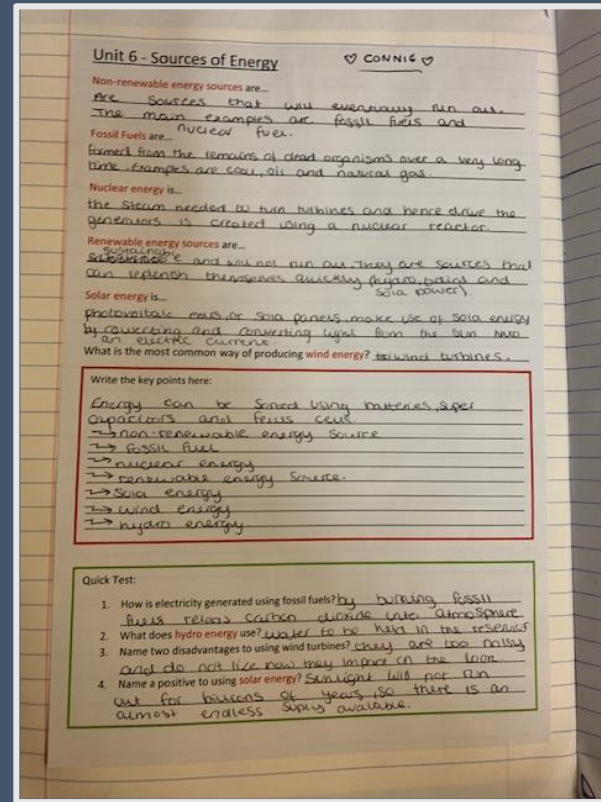
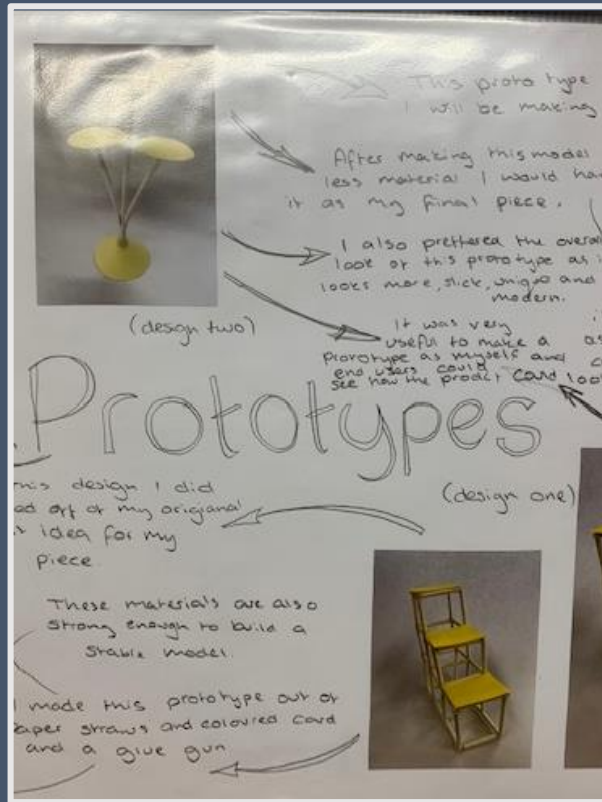
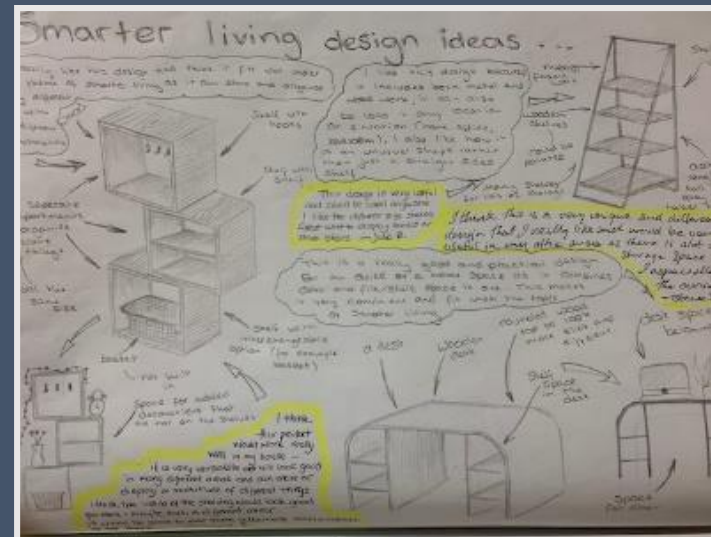


OCR GCSE Design Technology (Resistant Materials)



Why Should I Study Resistant Materials?

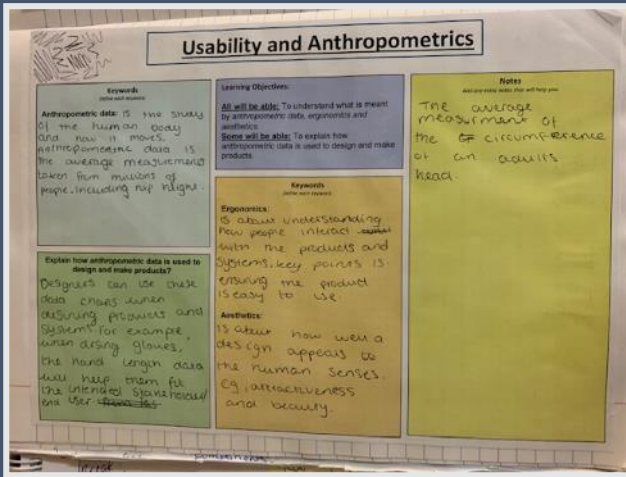
- Develop communication skills and creative thinking
- Develop an understanding of materials and design/construction processes
- Develop a range of making skills in wood, metal and plastic
- Use ICT effectively and appropriately





What Will I Study?

- In year 10 you will study a range of practical skills such as measuring, cutting, brazing and finishing techniques to enable you to approach your NEA in Year 11.
- In year 10 you will cover a range of theory topics such as the properties of materials, how they are made, sources of energy and industrial processes.
- In year 11 you will continue to study a range of theory topics towards your written exam.
- You will start your NEA portfolio in the summer of Year 10 and continue to develop this throughout year 11.



What Will Resistant Materials Lessons Be Like?

- This course provides the opportunity to develop the student's designing and making skills.
- Students are made aware of the design and technology in today's and tomorrow's society through theory lessons. Candidates make decisions about the 'resistant material' in which they work, which includes wood, metals and plastics, for a specific task.
- Double lesson mainly covers technical skills
- Single lesson mainly covers theory and subject knowledge.



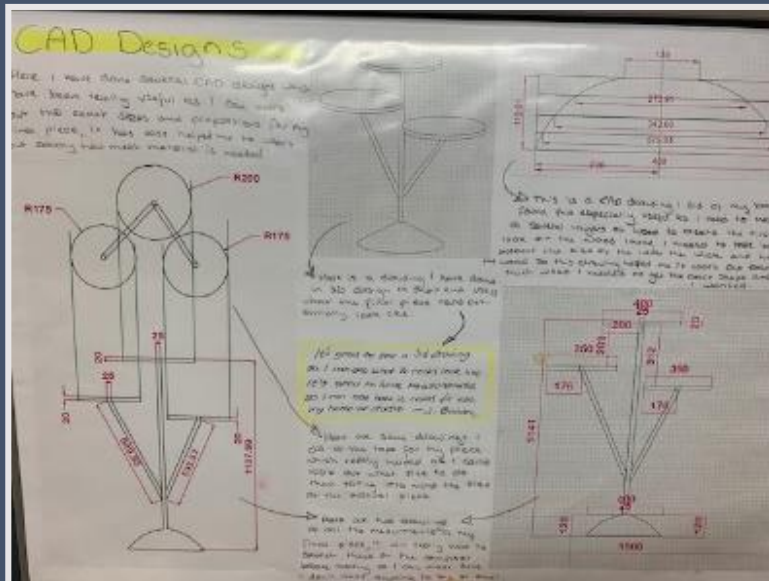


How Will I Be Assessed?

- **NEA (Coursework) 50%**

(Designing 35%-Making 15%)

A design context is set by the exam board for the one major project that is completed in Year 11.



- **Written Exam 50%**

The 2 hour, written theory exam is worth 50% of the overall grade.

1 out of the 3 lessons every week will be based on theory content.

What Does Work Look Like In Resistant Materials?



OCR GCSE Design Technology (RM)

FAQ page:

- **What DT subjects can I take with it?**
Food, Textiles (Art & Design)
- **Is there a written exam?**
Yes, 2 hours.
- **What skills do I need to have to be successful?**
ICT skills, being able to sketch, annotate and draw design ideas.
- **What can Design Technology RM lead to?**
The course naturally leads into A Level Product Design which can then take students to a vast number of Design based degree courses throughout the country.
- **How much time do we spend making?**
As a result of the making only being worth 15% of the NEA we spend a proportionate amount of time on the practical element. Most of the time is spent on the design folio.

How Do I Find Out More Details?



- Speak to the subject lead:
Miss Walker & Mr Holden
- Email:
walkera@wallingfordschool.com
holdens@wallingfordschool.com
- Speak to older pupils
already taking the course