

AQA Design and Technology year 12 into 13

Bridging information and requirements over the Summer.

You will be working on the NEA section A & B over the Summer break to be in a good starting point in September. A big well done for the work and the effort you have put in this year.

Make sure your theory folder is in order with all your work for D&T in it. Your exam papers and practice questions should all be in one central folder please.

Task 1

This is a substantial piece of work that will take some time to complete. Complete the NEA section A and B. Use the text book to help with this and make sure you are using the Specification to help you get the most marks. When you complete this – On a PowerPoint presentation, set at A3 please. Look at the examples on SharePoint to get an idea of what level of detail will be needed. Use the help sheets you have received in class to help you with this work. As part of section A, before you write your specification and brief you must have 2 sheets of A3 of thumbnail sketches showing your prototype ideas, pencil drawing of our first initial thoughts. Add notes to explain use diagrams to show how parts move and work. You can email me during the holidays. I will not be on email everyday but will be popping in and out of it so can support you over the break.

Tick this off as you have completed the tasks.

Identifying and investigating design possibilities

- ☐ Critical Analysis
 - ☐ Research plan
 - ☐ Problem specific research task (pg 240 - 244)
 - ☐ Target market
 - ☐ Survey / Questionnaire (pg 319)
 - ☐ On site visit (pg 319)
 - ☐ Marketing analysis
 - ☐ Day in the life
 - ☐ Product Analysis
 - ☐ Disassembly of 2 products – video and write up
 - ☐ Practical explorations (to include disassembly and analysis of existing products.)
- Initial concept sketches. (considering thinking in visual form)

Produce a design brief and specification

- ☐ Design Brief (How does this meet the needs of your intended user.)
- ☐ Design Specification to include
 - Essential and desirable points Gantt chart *Include & highlight QA/QC & safety in all planning Materials list and costing. pg325 – 326

Task 2

You must produce 3 A3 pages of sketches for your final prototype. This will form part of section C of our NEA.

These pages should show the product in relation to the human and how it is used, stored, hung up etc.

Add full colour and annotate with you design brief and specification.