

Dear parent/carer,

I am writing to provide you with an update regarding A-Level Product Design, as studied by your son in Year 13, including key dates and the intervention plan.

A-Level Product Design is a challenging but rewarding qualification. If your child is to perform to their potential in the subject, it is imperative that they bring full commitment to each and every lesson and that they strictly adhere to deadlines. The Design Technology staff and Mr Cogger, the head of faculty are committed to ensuring that students perform well and are keen to work in partnership with parents and carers to enable all students to achieve to a high standard.

### **Deadlines**

A-Level Product Design is divided equally between the non-examined assessment (NEA) and the written exam paper. The NEA is assessed through portfolio work and the making and evaluating of a final piece. The NEA is made up of 5 sections (sections "A to E").

**Deadline 1:** Students **HAD** to complete sections "A" and "B" by the 2<sup>nd</sup> September 2024, following the work done in term 6 of Year 10 and the work completed by students over the summer. Students that are still missing work from these sections **MUST** complete these for home learning by the 11<sup>th</sup> October 2024.

**Deadline 2:** Section "C" of the coursework **MUST** be complete by the 29<sup>th</sup> November 2024. Work on this section began at the beginning of term 1 in Year 11.

**Deadline 3:** Section "D" of the coursework **MUST** be complete by 28<sup>th</sup> February 2025

**Deadline 4:** Section "E" of the coursework **MUST** be completed by 7<sup>th</sup> March 2025.

I have included the deadlines for each of the subsections within "A-E" at the bottom of this letter. Your son **MUST** complete the work to the required standard by the specified deadlines against their End of Year 13 target grade. If your son does not achieve this, you will receive communication from myself to inform you. Your son **MUST** then attend after school sessions at the following time, for a two-week cycle, to get their work to the required standard:

#### **Thursday 3.15pm-4pm to receive support from Mr Harris**

However, for sections that are labelled as independent tasks, they **MUST** complete these at home and in private study. For all other sections, in addition to the sessions with Mr Harris, students can go the DT classroom before and after school and during lunchtime and private study and Mr Harris will assist them if it is an appropriate time.

If you or your son have any questions or concerns regarding A-Level Product Design, please do not hesitate to contact me by telephone (the school phone number is at the top of this page) or via email ([l.cogger@Stjohnfisher.school](mailto:l.cogger@Stjohnfisher.school)). We look forward to working with you and your son this year to achieve the best possible grade in Product Design, and would like to take this opportunity to thank you for your continued support.

Yours Sincerely



Mr L. Cogger

Director of the Creative and Physical Arts

## Tasks required with deadlines

### **Section A: Identify and investigate design possibilities (20 mrks)**

	<b>Hand out date</b>	<b>Hand in Date</b>	
Gantt Chart	03.06.24	11.10.24	Independent task
Initial Client meeting	03.06.24	11.10.24	Independent task
Initial client design brief	03.06.24	11.10.24	Independent task
Task Analysis	03.06.24	11.10.24	Independent task
1st Thought ideas	03.06.24	11.10.24	Independent task
Mood Board	03.06.24	11.10.24	Independent task
Research plan	03.06.24	11.10.24	Independent task
Existing Products including disassembly	03.06.24	11.10.24	Independent task
Manufacturing research Visit to a retailer	03.06.24	11.10.24	Independent task
Product analysis	03.06.24	11.10.24	Independent task
Follow up Client meeting	03.06.24	11.10.24	Independent task
Specific Material research	03.06.24	11.10.24	Independent task
Specific Part Research March	03.06.24	11.10.24	Independent task

### **Section B: Producing a design brief and specification (10 mrks)**

Confirmed Design Brief	28.06.24	11.10.24
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Product Specification

28.06.24 11.10.24

**PLEASE NOTE  
THAT IF SECTIONS  
A AND B ARE NOT  
DONE TO A HIGH  
STANDARD, IT  
WILL LIMIT THE  
GRADE IT IS  
POSSIBLE FOR  
YOUR SON TO  
ACHIEVE.**

### **Section C: Development of design proposals (25 mrks)**

Initial design linked to ergonomic antropometric study	02.09.24	11.10.24
Refined ideas linked to research	02.09.24	11.10.24
Environment study where product will be used	11.10.24	18.10.24
Modelling with photo evidence	18.10.24	01.11.24
Proof of concept	01.11.24	08.11.24
Final idea	08.11.24	15.11.24
CAD Design	15.11.24	22.11.24

Orthographic drawing of final idea with dimensions	22.11.24	29.11.24	
Follow up Client meeting	22.11.24	29.11.24	

**Section D: Development of design prototype(s) (25 mrks)**

Manufacturing specification with any changes	02.12.24	09.12.24	Independent task
Manufacturing Log (Flow chart)	02.12.24	09.12.24	Independent task
3D Printing parts	09.12.24	24.02.25	Independent task
Manufacturing prototype	09.12.24	24.02.25	
QA, QC, and H and S	24.02.25	28.02.25	Independent task
Industrial process how would it be made in industry	24.02.25	28.02.25	Independent task

**Section E: Analysing and evaluating (20 mrks)**

Analysis against the design specification	28.02.25	07.03.25	Independent task
Test product with client	28.02.25	07.03.25	Independent task
Full evaluation	28.02.25	07.03.25	Independent task