



## Year 13 Product Design A level Yearly Plan



Term	Areas to be Covered
AUTU MN TERM 1	<b>NEA - Completing Section A &amp; B (20 Marks) (10 Marks)</b> Students are completing the first two sections of their coursework. They are completing their research and writing up their specifications. Students complete a range of primary and secondary research including client interviews and stakeholder research.
	<b>Subject Knowledge and Understanding:</b> Once a week students focus on the exam part of the course and cover theory linked to paper two. Students learn about designing and making principles. This half term the focus is on 2.1 & 2.2 (Design Methods & Processes / Design theory)
<b>HALF-TERM</b>	
AUTU MN TERM 2	<b>NEA - Completing Section C (25 Marks)</b> Students are working on the third section of their coursework testing, modeling and developing their designs. Students complete manufacturing plans, CAD development as well as detailed risk assessments and manufacturing specifications.
	<b>Subject Knowledge and Understanding:</b> Once a week students focus on the exam part of the course and cover theory linked to paper two. Students learn about designing and making principles. This half term the focus is on 2.3 & 2.4 (Technology & cultural changes / Design processes)
<b>END OF TERM CHRISTMAS HOLIDAYS</b>	
SPRING TERM 1	<b>NEA - Completing Section C and starting Section D</b> Students are working on the third section of their coursework testing, modeling and developing their designs. Students complete manufacturing plans, CAD development as well as detailed risk assessments and manufacturing specifications.  Students will start manufacturing their practical work in the last two weeks of this term to ensure that they are aware of what they need to complete in the workshop after half term. Students will be recording a diary of manufacture using their phones and copying up outside of the lessons.
	<b>Subject Knowledge and Understanding:</b> Once a week students focus on the exam part of the course and cover theory linked to paper two. Students learn about designing and making principles. This half term the focus is on 2.5 & 2.6 (Critical analysis & evaluation / Selecting appropriate tools, techniques & processes)
<b>HALF TERM</b>	

<b>SPRING TERM 2</b>	<b>NEA - Completing Section D (25 Marks)</b> Students are completing their manufacture of their final product and packaging by Easter. All sections up to this point must be completed for the Easter break.
	<b>Subject Knowledge and Understanding:</b> Once a week students focus on the exam part of the course and cover theory linked to paper two. Students learn about designing and making principles. This half term the focus is on 2.7 & 2.8 (Accuracy in design & manufacture / Responsible Design)
<b>END OF TERM EASTER HOLIDAYS</b>	
<b>SUMM ER TERM 1</b>	<b>NEA - Completing Section E (20 Marks)</b> Students will be completing the evaluation part of their NEA / Project ensuring that they have used SWOT analysis as well as collected user feedback and have fully tested their product. They also need to suggest modifications and suitability for manufacture in industry.
	<b>Exam Preparation:</b> This half term the focus is on 2.9 & 2.10 (Design for manufacturing & project management & National & International standards in product design.)  Students spend this half term recapping the Paper 1 content covered in Yr 12 and the Paper 2 content covered in YR 13.

**HALF TERM**