



Year 13 (Product Design)

Term	Topic	Knowledge	Skills Complex activity: Writing genre:
<p>Autumn T1 & T2</p> <p>Unit 13: Design Methods Unit 14: Design Processes Unit 15: Responsible Design</p> <p>NEA: AO1(B): Producing a design brief and specification AO2 (C&D): Development of design proposal(s) and prototypes</p> <p><i>Note: Units 13 -15 taught in parallel with NEA</i></p>	<p>Design Methods: Design methods and processes, Design influences, Designers and their work, Socio-economic influences, Development in Technology, Social considerations & Product lifecycle.</p> <p>Design Processes: Use of design process, Prototype development, Industrial contexts, Critical contexts, Critical analysis, 3rd Party testing, Tools, Accuracy in design.</p> <p>Responsible Design: Environmental Issues, Circular Economy, Conservation of energy, Planning for accuracy, QA & QC, Standards</p> <p>NEA: AO1(B) Producing a design brief and specification & AO2 (C&D) Development of design proposal(s) and prototypes</p>	<p>Understand the use of alternative design strategies and how to gather and use research data. Develop coherent strategies to draw conclusions about how design has shaped our modern world and how designers need to work responsibly to reduce negative global impact. Unpicking a product's lifecycle and the choices that this analysis presents a designer. Understanding the process of idea generation, through to planning and prototyping, critical evaluation, testing and modification (NEA link) Understanding national and international standards, government and EU directives and the role NGOs play in the protection and monitoring of the welfare of people and places.</p> <p>NEAAO1 & AO2</p>	<p>Source comprehension / analysis / evaluation/debate Developing communication through design Client focussed design strategies Evaluating impact Engagement in practical activities</p>
<p>Spring T1 & T2</p> <p>NEA: AO3 (E) Analysing and evaluating</p> <p>Exam Preparation</p>	<p>NEA: AO3 (E) Analysing and evaluating</p> <p>Recap and Retrieval</p>	<p>NEAAO3</p>	<p>Source comprehension / analysis / evaluation/debate Writing genres - Technical style essay (analysis) Evaluating impact Engagement in practical activities</p>
<p>Summer T1 &T2</p>			

--	--	--	--

