



Long Term Plan: KS4 Product Design 2024-2025

Y10 AQA GCSE D&T (Product Design)

<p>Year 10 AQA D&T</p>	<p>Paper 1 Theory- 3.1.6-Materials and their working properties 3.2.3-Ecological and social footprint 3.2.4-Sources and origins</p> <p>NEA- -Brief/Analysis/Research -Product Analysis -Specification -Generating design ideas</p>	<p>Paper 1 Theory- 3.1.1-New and emerging technologies 3.2.7-Scales of production</p> <p>NEA- -Developing Design Ideas -Making -Making/Final Improvements/Evaluation -Brief/Analysis/Research (start of new project)</p>	<p>Paper 1 Theory- 3.2.5-Using and working with materials 3.1.2-Energy generation & storage 3.1.3-Developments in new materials</p> <p>NEA- -Product Analysis -Specification -Generating Design Ideas -Developing Design Ideas</p>	<p>Paper 1 Theory- 3.2.6-Stock forms, types and sizes 3.2.9-Surface treatments and finishes</p> <p>NEA- -Developing Design Ideas -Making</p>	<p>Paper 1 Theory- 3.1.4-Systems approach to designing 3.1.5-Mechanical devices 3.2.1-Selection of materials and components 3.2.2-Forces and stresses 3.2.1-Selection of materials and components</p> <p>NEA- Evaluation</p>	<p>Intensive revision for D&T mock exam</p> <p>Reteach (based on QLA of mock)/Mock feedback</p>
<p>Assessment</p>	<p>Theory assessment 1-Core & specialist technical principles (3.1.6/3.2.3/3.2.4) NEA Assessment task (AO1) A/B</p>	<p>NEA Assessment task (AO2) C/D/E</p>	<p>Theory assessment 2-Core & specialist technical principles (3.1.1/3.2.7/3.2.5) NEA Assessment task (AO2) C/D</p>	<p>Theory assessment 3-Core & specialist technical principles (3.1.2/3.1.3/3.2.6/3.2.9)</p>	<p>NEA Assessment task (AO2/AO3) E/F</p>	<p>Y10 Mock Exam Paper</p>