

KS4 YEARS 10 & 11 DESIGN AND TECHNOLOGY 2024/2025

YEAR	TERM 1 (Autumn)	TERM 2 (Spring)	TERM 3 (Summer)
<b>YEAR 10</b>	<p><b>THEORY:</b></p> <ul style="list-style-type: none"> <li>• New and emerging technologies</li> <li>• Energy materials, systems and devices</li> </ul> <p><b>PRACTICAL:</b> <i>Workshop skills:</i> cad/cam, modelling, product development, product innovation and product sketching.</p>	<p><b>THEORY:</b> Materials and their working properties</p> <p><b>PRACTICAL:</b> <i>Design and make tasks:</i> Context and user focused</p>	<p><b>THEORY:</b> Common specialist technical principals</p> <p><b>PRACTICAL:</b> Identifying and investigating design possibilities</p>
<b>YEAR 11</b>	<p><b>THEORY:</b> Designing principals</p> <p><b>PRACTICAL:</b></p> <ul style="list-style-type: none"> <li>• Identifying and investigating design possibilities</li> <li>• Producing a design brief and specification</li> <li>• Generating design ideas</li> </ul>	<p><b>THEORY:</b> Making principals</p> <p><b>PRACTICAL:</b></p> <ul style="list-style-type: none"> <li>• Developing design ideas</li> <li>• Realising design ideas</li> <li>• Analysing and evaluating</li> </ul>	<p><b>REVISION, CONSOLIDATION AND EXAM PRACTICE</b></p>