

KS5 Curriculum Overview 2023/24

Department: DT

Description of KS5 Curriculum:
<p>In Year 13, students build on theoretical topics taught during Year 12 whereby they develop a deeper understanding and consolidate subject knowledge.</p> <p>Paper 1, Technical Principles is worth 30% of the course. Paper 2, Designing and Making Principles is worth 20% of the course. Coursework is a significant part of this course.</p>

Sequence of Learning:			
KS5	Term 1 Content	Term 2 Content	Term 3 Content
Year 13	<p>Theoretical Topics:</p> <p>Designing and making principles: visiting the work of past designers</p> <p>The role of the designer.</p> <p>Design methods: task analysis, client-centred approach.</p> <p>Design processes: illustration techniques, isometric, exploded views etc.</p> <p>NEA Coursework</p>	<p>Theoretical Topics:</p> <p>Health & Safety</p> <p>Communication methods</p> <p>Informative drawing</p> <p>Modelling</p> <p>Development</p> <p>Human factors / anthropometrics and ergonomics.</p> <p>Quality Assurance & Quality Control</p> <p>Product evolution</p> <p>Copyright protection</p> <p>NEA Coursework</p>	<p>Theoretical Topics:</p> <p>Product development and improvement</p> <p>Technological developments</p> <p>Critical analysis and evaluation</p> <p>Revision.</p> <p>NEA Coursework</p>