

## Year 13 Mock Exam

Year Group:	13
Subject:	Design and Technology: Product Design (3D studies)

### Details of mock exam

Paper to be sat:	DT/Mock 1
Topics to be covered in the mock:	<ol style="list-style-type: none"> <li>1. Materials &amp; Components (P.1-32).</li> <li>2. Performance characteristics of materials (25, 43-51, 94)</li> <li>3. Hand &amp; Commercial processes (P.88-102).</li> <li>4. Environment &amp; sustainability (124-125)</li> <li>5. Consumer safety (P.130-132 &amp; 169-172)</li> <li>6. Digital Technology (63-65, 110-114)</li> <li>7. Features of Manufacturing industries (116-133)</li> <li>8. Factors influencing the development of products</li> </ol>

### Materials to support your revision

Link to Online Resources:	<a href="http://www.design-technology.org">http://www.design-technology.org</a> <a href="http://www.technologystudent.com">http://www.technologystudent.com</a> (General information plus links to other sites.)
Link to exemplar questions or past papers to use:	Any A2 level past papers form the exam board Edexcel. See link below.
Link to model answers or mark schemes:	<a href="https://qualifications.pearson.com/content/dam/pdf/A%20Level/Product%20Design/2013/Specification%20and%20sample%20assessments/sample-gce-design-tech-pd.pdf">https://qualifications.pearson.com/content/dam/pdf/A%20Level/Product%20Design/2013/Specification%20and%20sample%20assessments/sample-gce-design-tech-pd.pdf</a>
Recommended revision guides:	A level Design and Technology Topic guide.
In house booklets:	Advanced GCE in Design and Technology (Product Design) Materials Revision Guide.
For essay subjects and longer answer questions – suggested question titles for practice:	<p>Discuss how the design of (a given object) has influenced by the Bauhaus Modernist philosophies and the manufacturing technology available during the period.</p> <p>Explain features in the design of (a given object) that have influenced by smart materials and the miniaturisation of components.</p> <p>Explain How built-in obsolescence of product has a positive or negative impact on society.</p> <p>Evaluate this design decision with reference to aesthetics and functionality of a given product.</p>