

Formal Mock/Assessment Week Exam Template

Year Group:	13
Subject:	Design and Technology
Tier (if applicable):	N/A

Details of mock exam

Paper to be sat:	9DT0/01
Topics to be covered in the mock:	<p>Materials & Properties</p> <ul style="list-style-type: none"> • Natural & manufactured materials • Polymers • Textiles • Composite materials • Smart & Modern materials <p>Manufacturing Processes</p> <ul style="list-style-type: none"> • Plastic processes • Printing processes • Batch production • Manufacturing automation • Knockdown fittings and mechanical fixings • Finishes for materials <p>Quality, Standards & Control</p> <p>Sustainability & Environmental Impact</p> <p>Product Analysis & Evaluation</p> <p>Product Lifecycle & Market Factors</p> <p>Features of manufacturing systems</p> <p>Ergonomics & Anthropometrics</p> <p>Design Theory & Movements</p> <p>Maths & Production Calculations</p> <p>Technical Drawing & Communication</p>

Materials to support your revision

Link to Online Resources:	<p>Focus software.</p> <p>https://sites.google.com/view/the-design-and-technology-site/home</p>
Link to exemplar questions or past papers to use:	<p>Similar style past papers can be found at the Edexcel website.</p> <p>https://qualifications.pearson.com/en/support/supporttopics/exams/past-papers</p>
Link to model answers or mark schemes:	<p>The mark schemes for the mentioned similar style past papers can be found at the Edexcel website.</p> <p>https://qualifications.pearson.com/en/support/supporttopics/exams/past-papers</p>
Recommended revision guides:	<p>Edexcel A Level Design and Technology for Product Design: Resistant Materials, 3rd edition Paperback – 17 Feb 2009 by Mr Jon Attwood (Editor), Mr Barry Lambert (Editor), Mr Peter Neal (Editor), Mr Geoff Hancock (Editor)</p>

	<p>A Level Design and Technology for Edexcel: Product Design: Paperback – 30 Sep 2008 by J Atwood (Author)</p> <p>My Revision notes. Pearson Edexcel A level Design and Technology (Product design) Hodder education. David Sumpner Julia Morrison.</p> <p>Essential Math Skills for AS/A-level Design and Technology. Peter Warne and Chris Walker (Hodder education)</p>
In house booklets:	<p>Materials revision guide provided.</p> <p>Guide to maths in DT</p> <p>Topic guide.</p>
For essay subjects and longer answer questions – suggested question titles for practice:	N/A