

Year 13 Mock Week

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

Details of mock exam

Paper to be sat:	N/A
Topics to be covered in the mock:	<ul style="list-style-type: none"> • 1 - All materials and smart materials • 2 – Performance characteristics of materials • 3 – Processes, techniques and specialist tools: 3.1 (heat treatments, machining), 3.4 (mechanical & heat), 3.5 • 5 – Factor influencing the development of products: 5.1, 5.2, 5.3 & 5.4 (Art Deco) • 6 – Effects of technological developments: 6.1 (built-in obsolescence) • 8 – Features of manufacturing industries: 8.2 (quality control & efficiency), 8.3 (lean manufacturing) • 10 – Current legislation: 10.1 (consumer rights) • 11 – Information handling, modelling and forward planning: 11.3 (intellectual property), 11.4 (standards) • 12 – Further processes and techniques: 12.1 (user centred design), 12.2 (six sigma)

Materials to support your revision

Link to online resources:	Focus software.
Link to exemplar questions or past papers to use:	Similar style past papers can be found at the Edexcel website. https://qualifications.pearson.com/en/support/supporttopics/exams/past-papers
Link to model answers or mark schemes:	The mark schemes for the mentioned similar style past papers can be found at the Edexcel website. https://qualifications.pearson.com/en/support/supporttopics/exams/past-papers
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:	Materials revision guide provided. Guide to maths in DT Topic guide.
For essay subjects and longer answer questions – suggested question titles for practice:	N/A