

## 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:	N/A
Topics to be covered in the mock:	<ul style="list-style-type: none"> <li>• Manufactured boards</li> <li>• All material properties and characteristics</li> <li>• Knockdown fittings</li> <li>• Paper and cardboard</li> <li>• Plastic processes</li> <li>• Scrum (To be taught 1<sup>st</sup> week in Jan)</li> <li>• Protecting design work</li> <li>• The impact on the environment of product design (9 marks)</li> <li>• Composite materials</li> <li>• Smart materials</li> <li>• Finishes for materials</li> <li>• Quality assurance and quality control</li> <li>• Health and safety in the workplace</li> <li>• Isometric to orthographic drawing conversion</li> <li>• Design movements (9 marks)</li> <li>• QRM (9 marks)</li> <li>• Evaluating function, aesthetics and user requirements of products. (12 marks)</li> </ul>

### Materials to support your revision

Link to Online Resources:	Focus software.
Link to exemplar questions or past papers to use:	<p>Similar style past papers can be found at the Edexcel website.</p> <p><a href="https://qualifications.pearson.com/en/support/supporttopics/exams/past-papers">https://qualifications.pearson.com/en/support/supporttopics/exams/past-papers</a></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><a href="https://qualifications.pearson.com/en/support/supporttopics/exams/past-papers">https://qualifications.pearson.com/en/support/supporttopics/exams/past-papers</a></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>

	Essential Math Skills for AS/A-level Design and Technology. Peter Warne and Chris Walker (Hodder education)
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