




Year 11 Mock Exam Preparation

Year Group:	11
Subject:	Design and Technology
Tier (if applicable):	NA

Details of assessments

Papers to be sat: Component 1 (1 hour 45 minutes)		Revision references (Where to revise)			
		Edexcel text book	Hodder (my revision notes)	Materials revision guide	Other project booklets
					
Topics to be covered in the assessments:	<ul style="list-style-type: none"> Material properties All core materials. (Timbers, manufactured boards, metals, polymers, paper and card, textiles, smart materials, composite materials) 	Page 55	Page 37	Page 1	
		<p>Modern, Smart materials, textiles and composites Page 19-24,</p> <p>Metals page 38</p> <p>Papers and cards Page 40-41.</p> <p>Polymers Page 44-46.</p> <p>Textiles page 47-51</p> <p>Timbers Page 52-53.</p>	Page 26-36	<p>Timbers Page 2-7</p> <p>Manufactured Boards page 8-10</p> <p>Metals Page 11-14</p> <p>Polymers Page 15 – 18.</p> <p>Composites and smart materials Page 19 – 26</p> <p>Paper and card page 27 – 30</p> <p>Textiles page 36 - 37</p>	Wooden box booklet and core materials

	<ul style="list-style-type: none"> 1.1 Impact of new and emerging technologies 	Page 4, 7, 140	Page 7		Revision sheet
	<ul style="list-style-type: none"> 1.2 evaluating new and emerging technologies 	Page 14, 61, 286	Page 13, 39, 41		Revision sheet
	<ul style="list-style-type: none"> Applied maths questions (percentages, volumes area) 				
	<ul style="list-style-type: none"> Drawing techniques, translation orthographic to isometric. 	Page 71	Page 46, 47		Designer and designing booklet
	<ul style="list-style-type: none"> Designing to a specification. 	NA	NA	NA	NA
	<ul style="list-style-type: none"> Advantages of quality control on manufactured products. 	Page 106, 295	Page 145	NA	NA
	<ul style="list-style-type: none"> Fabrication and constructing 	Page 301	Page 141, 148		The wooden box booklet
	<ul style="list-style-type: none"> Processes and techniques for fabricating/constructing with timber. 	Page 292 - 293.	Page 144 -150	NA	The wooden box booklet
	<ul style="list-style-type: none"> CAM 	Page 75, 295	Page 145		
	<ul style="list-style-type: none"> Templates 	Page 295	Page 145		The wooden box booklet

Materials to support your revision

Link to Online Resources:	www.technologystudent.com Focus software available via Moodle using the enrolment key "techsoft" Seneca online learning.
Link to exemplar questions or past papers to use:	Previous assessments and end of topic tests.
Link to model answers or mark schemes:	The questioning style used in the assessment is used throughout the work booklets completed so far.

<p>Recommended revision guides:</p>	<p>Edexcel GCSE (9-1) design and technology. Published by Pearson Core section 1 Timber section 7 (Colley, Dennis, Dhami, Wellington, Weston) ISBN 978-1-292-18458-6</p> <p>My revision notes Pearsons Edexcel GCSE (9-1) Design and Technology. Published by Hodder Education (Ian Fawcett, Andy Knight, Jacqui Howells, David Hills-Taylor) ISBN 978-1-510-48050-6</p> <p>Focus software app</p> <p>Maths guidance is also available through the Focus Software App.</p>
<p>In house booklets:</p>	<p>Materials revision guide. Working with timber booklet. Core materials booklet.</p>