




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 30 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 	Page 55	Page 37	Page 1	NA
	<ul style="list-style-type: none"> All core materials. (Timbers, manufactured boards, metals, polymers, paper and card, textiles, smart materials, composite materials) 	<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 Minimising the environmental impact of new and emerging technologies 	Page 13 & 14	Page 13		Revision sheet

	<ul style="list-style-type: none"> 1.3 Energy: generation, storage and choosing appropriate sources 	Page 15-18	Page 14 & 15		Sources of power booklet
	<ul style="list-style-type: none"> Applied maths questions (percentages, volumes area) 				
	<ul style="list-style-type: none"> 1.5 Levers & Mechanisms (Gears, Mechanisms & Belts) 	Page 25 - 32	Page 19-22		Levers and mechanism booklet
	<ul style="list-style-type: none"> Designing to a specification. 	NA	NA	NA	NA
	<ul style="list-style-type: none"> Processes and techniques for fabricating/constructing with timber. (Cutting, shaping, joining, finishing, forming and use of jigs) 	Page 292 - 305.	Page 144 - 150		The wooden box booklet
	<ul style="list-style-type: none"> Stock sizes and standard forms 	Page 285	Page 139		The wooden box booklet
	<ul style="list-style-type: none"> CAD 	Page 75,	Page 145		

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.
Recommended revision guides:	Edexcel GCSE (9-1) design and technology. Published by Pearson Core section 1 Timber section 7 (Colley, Dennis, Dhimi, Wellington, Weston)

	<p>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>
In house booklets:	<p>Materials revision guide. Working with timber booklet. Core materials booklet.</p>