

Timbers (EDEXCEL)

Exam Duration	1 hour 45 minutes	Equipment	Bring a pen, pencil, calculator, ruler, compass and colouring pencils to the exam.
Revision Resources	GSCE Pod http://www.technologystudent.com/ Edexcel GCSE (9 - 1) Design and Technology ISBN 9781292184586 (Two sections Core and Timbers)		
Exam Revision Checklist			
Content			Revised?
1.1 The impact of new and emerging technologies, pages 3-10			
1.2 Evaluating new and emerging technologies to inform design decisions, pages 11-14			
1.3 Energy: generation, storage and choosing appropriate sources, Pages 15-18			
1.4 Smart and composite materials, and technical textiles, pages 19-24			
1.5 Mechanical devices used to produce movement, pages 25-32			
1.6 Electronic systems, pages 33-35			
1.7 Programmable components, pages 35-37			
1.8 Categorisation of ferrous and non-ferrous metals, pages 37-39			
1.9 Papers and Boards, pages 40-42			
1.10 Thermoforming and Thermosetting polymers, pages 43-46			
1.11 The categorisation of fibres, and textiles, pages 47-51			
1.12 Natural and Manufactured timbers, pages 52-54			
1.13 All design and technological practice takes place within contexts which inform outcomes, pages 55-58			
1.14 Challenges that influence the processes of design and making, pages 58-62			
1.15 Investigate and analyse the work of professionals and companies to inform design, pages 62-65			
1.16 Use of different design strategies, pages 66-68			
1.17 Using communication techniques to present design ideas, pages 68-77			
Preparing for your exam, pages 78-85			
TIMBERS CONTENT 60% of EXAM			
7.1 Design Contexts, page 277			

7.2 Sources of Timber, pages 277-283	
7.3 Selection of Timber, pages 283-287	
7.4 Strengthening timber, pages 288-289	
7.5 Stock forms and sizes, pages 290-291	
7.6 Manufacturing processes, pages 292-296	
7.7 Equipment and processes used to make prototypes, pages 296-304	
7.8 Surface treatments and finishes for functional and aesthetic purposes, pages 304-305	
Preparing for your exam, pages 306-311	