

GCSE Design Technology Exam Information and Subject Updates 2021-22

Key Exam Information

Subject:	Design Technology: Timbers
Exam board:	Pearson Edexcel
Adaptations for 2022 exams:	<ul style="list-style-type: none"> • This is the list of topics covered in the 2022 Summer examination: <li style="text-align: center;">Paper 1DT0/1F (Timbers) • 1.2 How the critical evaluation of new and emerging technologies informs design decisions; considering contemporary and potential future scenarios from different perspectives, such as ethics and the environment • 1.4 Developments in modern and smart materials, composite materials and technical textiles • 1.12 The categorisation of the types, properties and structure of natural and manufactured timbers • 7.2.3 The sources, origins, physical and working properties of each natural and manufactured timber and their social and ecological footprint • Manufactured timber • 7.2.6 The sources, origins, physical and working properties of each natural and manufactured timber and their social and ecological footprint • Working properties – the way in which each material behaves or responds to external sources. • 7.3 The way in which the selection of each natural and manufactured timber is influenced • 7.7 Specialist techniques, tools, equipment and processes that can be used on each natural and manufactured timber to shape, fabricate, construct and assemble a high-quality prototype • Topics not on the list may still be assessed in low tariff, multiple choice, or synoptic questions e.g in relation to a design problem. • Advanced information will not be provided for questions assessing the use of mathematical skills.
Summer exam dates:	Wednesday 15 th June 2022, pm - 1 hour 45 mins (50%)
Other examined component details (dates/deadlines, weighting):	<p>Non-examined assessment accounts for 50% of the final grade.</p> <p>Deadline Date: Thursday 7th April.</p>

March Mock Exam

Date:	7th - 10th March
Content to be examined:	<ul style="list-style-type: none">- How energy is created and stored.- Properties of materials.- Classifications of metals.- Orthographic drawing.- Composite materials.- Forces, levers and types of motion.- Internet of things.- Tolerance- Finishes (for timbers)- Sourcing timbers.

Exam Preparation

Exam preparation tips:	<ul style="list-style-type: none">● Revisit revision notes created in class and access on Google classroom.● Use of Seneca Learning.● Use of GCSE Pods● Past papers available on examination website.
Links to subject pages on the exam board website	https://qualifications.pearson.com/en/qualifications/edexcel-gcse/design-and-technology-2017.html
Revision websites:	www.technologystudent.com www.bbc.com/bitesize/subjects/zvg4d2p
Revision sessions:	Wednesday after school - 3.10 - 4pm.
Links to other resources:	www.technologystudent.com www.bbc.com/bitesize/subjects/zvg4d2p Departmental Google classroom GCSE Pods
Revision guides:	Edexcel GCSE (9-1) Design and Technology Student Book (Edexcel GCSE Design and Technology (9-1)) - £20.45 Amazon UK GCSE Design & Technology Pocket Posters: The Pocket-Sized GCSE Design & Technology Revision Guide 9-1 GCSE Specification £4.49 Amazon UK