

Subject	Design & Technology - 11Dt/C-1 SRi
Paper	<p style="text-align: center;">AQA GCSE Design & Technology (8552) Written Exam - 2 Hours (100 marks) 18th June 2025 (AM)</p> <p style="text-align: center;">Section A – Core Technical Principals (20 marks) A mixture of multiple choice and short answer questions assessing a breadth of technical knowledge and understanding.</p> <p style="text-align: center;">Section B – Specialist technical principles (30 marks) Several short answer questions (2–5 marks) and one extended response to assess a more in-depth knowledge of technical principles.</p> <p style="text-align: center;">Section C – Designing and making principles (50 marks) A mixture of short answer and extended response questions.</p>
Work/skills/activities being covered in lesson leading to exams	<p><u>10 Week Plan</u></p> <ul style="list-style-type: none"> • Weeks 1-5 NEA Completion • Week 6 DT Core Technical Principals – refresh and revision (flashcards) • Week 7 DT Specialist Technical Principals – Timbers – refresh and revision (flashcards) • Week 8 DT Full mock exam (split into two parts across double and single lesson) • Week 9 Retrieval focus (brain dumps) on DT Core Technical Principals (single lessons), and DT Specialist Technical Principals – Timbers (double lesson). • Week 10 Targeted intervention on DT Core/Specialist focus areas and warm-ups prior to exam

<p>Areas to revise as a priority leading to exams</p>	<p>DT Core Technical Principals</p> <ul style="list-style-type: none"> • New & Emerging Technologies • Energy Generation & Storage • Developments in New Materials • Systems Approach to Designing • Mechanical Devices • Materials and Their Working Properties <p>DT Specialist Technical Principals – Timber Based Materials</p> <ul style="list-style-type: none"> • Selection of materials or components • Forces and stresses • Ecological and social footprint • Sources and origins • Using and working with materials • Stock forms, types and sizes • Scales of production • Specialist techniques and processes • Surface treatments and finishes.
<p>Suggested methods of revision</p>	<ul style="list-style-type: none"> • Flashcards for key terminology/facts in; <ol style="list-style-type: none"> 1. DT Core Technical Principals 2. DT Specialist Technical Principals - Timbers • Complete 'brain dumps' checking for knowledge gaps and filling where any unknown content is identified. • Prioritise time revising any unknown content. • Practice exam questions using past papers available on AQA website. (Answer questions before opening the mark scheme to check your answers) • BBC Bitesize Revision - https://www.bbc.co.uk/bitesize/examspecs/zby2bdm