

Date	Exams/ Assess	Unit(s) NEA (50%)	Unit(s) Paper 1 (50%)
1/9/25		<u>Non- Exam Assessment (Coursework)</u> Students will produce a prototype and a portfolio of evidence following the iterative design process. What is assessed: The practical application of: • Core technical principles • Specialist technical principles • Designing and making principles GCSE NEA coursework assessment criteria How it is assessed: • 100 marks • 50% of GCSE Section A: Identifying and investigating design possibilities (10 marks) Section B: Producing a design brief and specification (10 marks) Section C: Generating design ideas (20 marks) Section D: Developing design ideas (20 marks) Section E: Realising design ideas (making) (20 marks) Section F: Analysing and evaluating (20 marks)	3.1 Core technical principles • new and emerging technologies • energy generation and storage • developments in new materials
8/9/25			• systems approach to designing • mechanical devices • materials and their working properties
15/9/25			3.2 Specialist technical principles • 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.
22/9/25			
29/9/25			
6/10/25			
13/10/25			
20/10/25			
3/11/25			
10/11/25			
17/11/25			
24/11/25			
1/12/25			
8/12/25			
15/12/25			
5/1/26			
12/1/26			
19/1/26			
26/1/26			
2/2/26			
9/2/26			
23/2/26		3.3 Designing and making principles • investigation, primary and secondary data	
2/3/26			

9/3/26		Additional theory to start March* Core technical principles Specialist technical principles Design & making principles Revisiting all links to Mathematics (calculating waste/extracting information etc.) and Science (ethical factors/consideration of ecological & social footprint of materials etc.)	• environmental, social and economic challenge • the work of others • design strategies • communication of design ideas • prototype development • selection of materials and components • tolerances • material management • specialist tools and equipment • Specialist techniques and processes.
16/3/26			
23/3/26			
30/3/26			
20/4/26			
27/4/26			
4/5/26			
11/5/26		Start of GCSE exams	
18/5/26			
1/6/26			
8/6/26			
15/6/26			
22/6/26			
29/6/26			
6/7/26			
13/7/26			