

Fareham Academy Design & Technology Overview – Year 11

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1
Topic(s)	GCSE AQA Contextual Challenge	GCSE AQA Contextual Challenge	GCSE AQA Contextual challenge	GCSE AQA Contextual challenge	
Topic Objectives	Investigate the challenge.	Design potential solutions relating to the challenge leading to a chosen solution.	Make final solutions applying a range of materials, techniques and processes.	Complete making final solutions. Evaluate and test outcomes. Core and Timbers revision.	
Acquired Knowledge/ Skills	Identify user. Evaluate form and function. Analyse existing solutions. Research ergonomic factors and potential materials. Investigate location requirements. Investigate sustainability issues.	Create a design brief. Create a justified specification. Create a variety of relevant, well annotated design ideas. Iterate designs to create a final solution.	Model and evaluate final solution. Make final products.	Test finished product. Evaluate final product. Complete a Life Cycle Analysis of final product.	
Assessments	Graded against GCSE criteria Fortnightly mini core assessments: - Investigate - Design - Make - Evaluate	Graded against GCSE criteria Fortnightly mini core assessments: - Investigate - Design - Make - Evaluate	Graded against GCSE criteria Fortnightly mini core assessments: - Investigate - Design - Make - Evaluate	Graded against GCSE criteria Fortnightly mini core assessments: - Investigate - Design - Make - Evaluate	