Subject: GCSE Design and Technology

3 x lessons per week.

Approximately 1 per week Component 1 Design and Technology in the 21st Century in preparation for Written examination

Approximately 2 per week Component 2 Design and Make Task. NEA

Year: 11

Aut Term 1	Aut Term 2	Spr Term 1	Spr Term 2	Sum term 1	Sum term 2
Component 2 NEA Section A Identifying and investigating design possibilities	Component 2 NEA Section D Manufacturing of prototype	Component 2 NEA Section D Manufacturing of prototype	Component 2 NEA Section E Analysing and evaluating design decisions and prototypes	**Component 1 Design and Technology in the 21st Century Revision and exam practise**	**Component 1 Design and Technology in the 21st Century Revision and exam practise**
Component 2 NEA Section B Developing a design brief and specification			NEA deadline	In-depth Textiles knowledge	In-depth Textiles knowledge
Component 2 NEA Section C Generating and developing design ideas				In depth Timber knowledge	In depth Timber knowledge
				Core Technical Principles	Core Technical Principles
				Design and Make Principles	Design and Make Principles
Component 1 Y10 Mock Exam 1 Reflection Core Technical Principles: - Design and Technology in Our World - Mechanical devices - Smart, Composite and Technical Textiles - Materials - CAD/CAM In-depth Textiles knowledge In depth Timber knowledge	**Component 1 Y11 Mock Exam 1 Revision** Core Technical Principles: - Design and Technology in Our World - Energy - Smart, Composite and Technical Textiles - Life Cycle of Products - Materials - Product Analysis In-depth Textiles knowledge In depth Timber knowledge	**Component 1 Mock Exam 2 Revision** Core Technical Principles: - Design and Technology in Our World - Energy - Smart, Composite and Technical Textiles - Electronic systems, programmable components and mechanical devices - Materials - Product Analysis In-depth Textiles knowledge In depth Timber knowledge	**Component 1 Design and Technology in the 21st Century Revision and exam practise** Revision topics may vary due to targeted intervention on weaker topics	(See Y10 SOL for break down of content for each component 1 topic area) Revision topics may vary due to targeted intervention on weaker topics	(See Y10 SOL for breakdown of content for each component 1 topic area) Revision topics may vary due to targeted intervention on weaker topics
(See Y10 SOL for breakdown of content for each component 1 topic area) Revision topics may vary due to targeted intervention on weaker topics	(See Y10 SOL for breakdown of content for each component 1 topic area) Revision topics may vary due to targeted intervention on weaker topics	(See Y10 SOL for breakdown of content for each component 1 topic area) Revision topics may vary due to targeted intervention on weaker topics			

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