

Year 11	Content and Knowledge	Skills/ Covered	Key Vocabulary (Also refer to the DT Technical Vocabulary Dictionary)	What to research at home/ recommended websites and reading list
<b>Autumn Term 1</b>	Students to complete NEA project focusing on design ad to build SPECIALIST exam knowledge - <b>GCSE NEA</b>	Design Brief, Specification, Design Ideas	Automation Client Commercial process Commercial product Conceptual stages (of design)	Please refer to the 'DT-KS4-Read-and-watch-list'
<b>Autumn Term 2</b>	Students to complete NEA project focusing on design ad to build SPECIALIST exam knowledge - <b>GCSE NEA</b>	Development of Ideas, Manufacture	Continuous improvement Co-operative Crowd funding Ethics Fabricate	Please refer to the 'DT-KS4-Read-and-watch-list'
<b>Spring Term 1</b>	Students to complete NEA project focusing on design ad to build SPECIALIST exam knowledge - <b>GCSE NEA</b>	Manufacture, Evaluation	Finite Functionality Iterative design Lean manufacturing Life cycle assessment	Please refer to the 'DT-KS4-Read-and-watch-list'
<b>Spring Term 2</b>	Focus turns to exam preparation and revision CORE and SPECIALIST - <b>GCSE Exam Revision</b>	Exam Revision Section A	Market pull Mechanical device Physical properties Planned obsolescence Primary source (of materials)	Please refer to the 'DT-KS4-Read-and-watch-list'
<b>Summer Term 1</b>	Exam preparation and revision CORE and SPECIALIST - <b>GCSE Exam Revision</b>	Exam Revision Section B	Product Prototype Schematic diagram Social footprint Social responsibility	Please refer to the 'DT-KS4-Read-and-watch-list'
<b>Summer Term 2</b>	Exam preparation and revision CORE and SPECIALIST - <b>GCSE Exam Revision/ Final Exam</b>	Recapping -Take the final exam and exceed target grade!	Stock form Technology push Tolerance User centered design Working properties	Please refer to the 'DT-KS4-Read-and-watch-list'

## KS4 Keywords

Automation	Mechanical device
Client	Nesting
Commercial process	Physical properties
Commercial product	Planned obsolescence
Conceptual stages (of design)	Primary source
Continuous improvement	Primary source (of materials)
Co-operative	Product
Crowd funding	Prototype
Ecological	Schematic diagram
Ethics	Social footprint
Fabricate	Social responsibility
Finite	Stock form
Functionality	Technology push
Fusibility	Tolerance
Iterative design	User
Lean manufacturing	User centered design
Life cycle assessment	Working properties
Market pull	