

Design Technology – Product Design

Year group	10					
Course	D & T– Product Design					
Exam board Specification	AQA GCSE Design & Technology Product Design					
External assessment	1 x 2 hour written exam (weighting 40%). Pre-release material issued in February prior to the examination for the design element question. Controlled assessment in the form of an extended Coursework Design and Make Project (weighting 60%)					
Course content	Autumn		Spring		Summer	
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	Unit 1 Written Paper Skills <ul style="list-style-type: none"> • Plastics and processes • Paper and card/timber based materials • Ferrous and non-ferrous metals • New materials and electronic components • End of term 1 test 	Unit 1 Written Paper skills <ul style="list-style-type: none"> • Internal and commercial practice • Methods of production • Use of ICT • Evolution of product design • Safety • End of term 2 test 	Unit 1 Written Paper skills <ul style="list-style-type: none"> • Product development and methodology • Product Marketing • Ergonomics and anthropometrics • QA/QC • Ethical. Environmental, and sustainability issues • Consumer issues • End of term 3 test 	Coursework Preparation <ul style="list-style-type: none"> • Investigating the design context • Development of design proposals (including modelling) 	Coursework Preparation <ul style="list-style-type: none"> • Making • Testing and evaluation • Communication 	Start of coursework <ul style="list-style-type: none"> • Investigating the design context • Development of design proposals (including modelling)
Useful websites	Specification: http://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-product-design-4555/why-choose Past Papers: http://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-product-design-4555/past-papers-and-mark-schemes Technology Student.com www.technologystudent.com Design and technology Association https://www.data.org.uk/ BBC Bitesize Revision www.bbc.co.uk/schools/gcsebitesize/design/					