

Overview	A Level AQA Design and Technology - Product Design This creative and thought-provoking qualification gives students the practical skills, theoretical knowledge and confidence to succeed in a number of careers. Especially those in the creative industries. They will investigate historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put their learning into practice by producing prototypes of their choice. Students will gain a real understanding of what it means to be a designer, alongside the knowledge and skills sought by higher education and employers. You can find out about all our Design and Technology: Product Design qualifications at aqa.org.uk/designandtechnology Theory resources endorsed through <u>PGOnline</u>								
Year 13	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2			
Торіс	EXAM BOARD NEA	EXAM BOARD NEA	EXAM BOARD NEA	EXAM BOARD NEA	Exam Timetable	Exam Timetable			
Knowledge	Units 1 -3 revisit Identification and investigation of a design possibility Investigation of needs and research Specification	Units 4 - 7 revisit Design ideas Development of ideas	Units 8 -11 revisit Development of Prototype Review of development and final idea Communication of design ideas	Units 12-13 revisit Making:	Units 14 - 15 revisit Testing and evaluation:	Exam Timetable Revision as required			
Skills	Theory revision exam skills: Exam style questions / Papers Practical Skills: Exam board NEA <u>Identification and</u> investigation of a	Theory revision exam skills Exam style questions / Papers Practical Skills: Exam board NEA <u>Design ideas:</u> Initial ideas	Theory revision exam skills Exam style questions / Papers Practical Skills: Exam board NEA <u>Development of</u> <u>Prototype:</u>	Theory revision exam skills Exam style questions / Papers Practical Skills: Exam board NEA <u>Making:</u> Quality Control,	Theory revision exam skills Exam style questions / Papers Practical Skills: Exam board NEA <u>Testing and evaluation:</u>	Exam Timetable Revision as required Exam Timetable Revision as required			

design possibility:	Review of chosen		Quality Assurance,	Evaluation against	
	ideas	Manufacturing	and standards	the Design	
Situation/Problem		Specification	Diary of making	Specification	
	Development of	Production plan	Product	Client Evaluation In	
Context & Research	ideas:			Location	
Plan.	Scale Model planning	Review of		Evaluation against	
	to include	development and		the Manufacturing	
Investigation of	sourcing of material	final idea:		Specification	
needs and research:	1:1 Model Testing			Summary of	
	Ergonomics and	All development		Improvements and	
Client Interview and	Anthropometrics	pages - evaluation		recommendations	
Fly-on-the-wall	Improved Chosen Idea	of the refinements			
Observation	Experimenting with	made to designs			
o boer varion	materials, processes	with reference			
Existing Products	and applied finish	to user needs and			
Detailed product	Planning	specification			
analysis	Development and	op 0000			
Life cycle analysis	experimentation	All development			
Sustainability	CAD & evaluation of	pages – evaluation			
Location	Materials	and analysis			
	Development	of the designs and			
Further Research	and experimentation	prototypes made			
	alternative	by others which			
Specification:	components	make connection			
<u></u>	and Materials	of elements and			
Specification	Development and	inform own design			
	experimentation	decisions			
	manufacturing				
	processes in product	Communication of			
	Development and	design ideas:			
	experimentation	All developments			
	alternative methods	pages use of			
	of manufacture, Jigs,	traditional/manual			
	formers, and CAD	graphical techniques,			
	CAM	accomplished use of			
	Surface Finish	Written techniques			
	Experimentation	and CAD			
	Fully Developed Final				
	Design				
	Working drawing				