

Higher Design and Manufacture (S5/6)

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	Week No.	Pupils will gather and compile a folio of unit evidence throughout the course to satisfy the assessment requirements of Units 1 and 2.			
				Homework	
JUNE	1	Task Lamp Analyse a Design Brief Select Design Factors Plan a Strategy		Sketching and CAD Modelling	Consolidate an Understanding of Design Factors
	2				
Summer Holiday					
	Week No.	During this session pupils will use a Higher course booklet and design book to support their studies.			
		Task Lamp			Homework
AUG	1	Carrying out relevant research into design factors. Incorporate valid findings of research into a detailed Specification.		Task lamp designs and exploration and refinement of ideas.	Task Lamp Questionnaires
	2				
SEPT	3	Knowledge & Understanding of materials and processes.	Exam preparation for written Question paper.	V&A Time capsule Project. Analysis, Design Ideas, Modelling and Design Proposal.	Weekly Design Knowledge Homework
	4				
	5	Choosing a suitable product for disassembly. Identifying how parts have been manufactured.			Bringing a suitable product in for disassembly.
	6				
OCT	7				
	8				
October Holiday					
	9	Develop and communicate a design proposal to meet a design Specification.		Completion of V&A Time Capsule	Past paper Questions that covers the course specification.
NOV	10				
	11	Using knowledge of commercial manufacturing produce creative and diverse ideas. Evaluate design decisions and explore and refine. Applying graphic and modelling techniques effectively.	PRACTISE ASSIGNMENT	Explore the suitability of materials used, the manufacturing and assembly processes used and the product's sustainability	
	12				
INTERIM REPORT	13				
	14				
DEC	15			Plan the Production of a commercial product	
	16				
	17				
Christmas Holiday					
JAN	18	PRELIM		Manufacture an accurate and detailed prototype/scale model. Select and justify suitable materials along with the most appropriate manufacturing and assembly processes.	Weekly past paper questions
	19				
	20	REVISION			Course Assignment planning and preparation
FULL REPORT	21				
	22	PRELIM	ASSIGNMENT 47% OF COURSE AWARD	<i>Pupils should plan their work at home to make the most effective use of class time.</i> <i>Reference should be made to the SQA Guidance Notes & SQA Exemplars.</i>	Prelim Preparation No homework tasks issued during exam diet.
	23				
FEB	24	EXAM REVISION			Exam Preparation
	25				
PARENTS' EVENING	26				
MAR	27				
	28				
	29				
Easter Holiday					
APR	30	EXAM REVISION			Exam Preparation
INTERIM REPORT	31	At this stage pupils will be encouraged to identify topics or specific questions for targeted revision			
MAY	36	EXTERNAL EXAM (47% OF COURSE AWARD)			
	37				