

Year 10

Product Design

Term 1	Topics	Assessment Opportunities
1- In the Style of a Designer	Generating Design Ideas	Section C - Design Ideas
	Developing Design Ideas	Section D - Design Development
	Theory Unit 5 - Timbers	
	Theory Unit 1	
Half Term		
2 - USB Lamp	Workshop Manfuacture	Section E - Manufacture
	Testing and Evaluating	Section F - Evaluation
	Theory Unit 2	
		Written Mock Exam Section AB
Term 2		
3 - CADCAM	2D CAD CAM	Section A - Design Investigation
	3D CAD CAM	Section B - Brief and Spec
	Technical drawings CAD	Section C - Design Ideas
	Technical renderings CAD	
	Laser cut and 3D print	
	Theory Unit 3	
Half Term		
4 - Mock NEA Design Ideas	Investigate Design Brief	Section A - Design Investigation
	Product Analysis	Section B - Brief and Spec
	Client Profile and Questionnaire	Section C - Design Ideas
	Design Ideas	
	Design Development	Written Mock Exam Section B
	Theory Unit 4	
Term 3		
	CAD Technical Drawings	Section D - Design Development
	Cutting List	Section E - Manufacture

5 - Mock NEA Manufacture	Workshop Manufacture	Section F - Evaluation
	Testing and Evaluating	
	Theory Unit 6 and 7	
Half Term		
6 - GCSE live NEA	Select Design Challenge	Section A - Design Investigation
	Investigate Design Challenge	Section B - Brief and Specification
	Product Analysis	
	Client Profile and Questionnaire	Written Mock Exam 1 hour
	Design Brief	
	Design Specification	

Year 11

Product Design

Term 1	Topics	Assessment Opportunities
GCSE live NEA	Design Ideas	Section ABC
	Design Development	Section D
Half Term		
GCSE live NEA	Design Development	Section D
		Written Mock Exam 2 hour
Term 2		
GCSE live NEA	Design Manufacture	Section E

Half Term		
GCSE live NEA	Testing and Evaluation	Section F
		Written Mock Exam 2 hour
Term 3		
Written Exam Revision	Revision	
		Final Written Exam