

# Resistant Materials/ Product Design

Term							
1	2		3	4		5	6
							Extras

## Key Stage 4

Year 10	Design and make project Birdhouse: Research and designing		Christmas Fair project: Design and make in teams	Christmas	Design and make project storage box: Research, designing and CAD	Project cont'd Commence preparation sheet for year 10 exam.	Easter	Controlled assessment. Research element	
Year 11		Controlled assessment - Design ideas , modelling and CAD			Controlled assessment- Manufacture and Evaluation	Preparation sheet & revision		Revision	

## Key Stage 5

Year 12	Section A: Materials and components	Section B: hand and commercial processing  Section C: design, environment and ergonomics	Christmas	Exam techniques/ Past exam papers	Unit 2 – PROD2 Learning Through Designing and Making: Development of a Design Proposal, Making/Modelling	Easter	Evaluation/ Testing	Unit 4 – PROD4 Design and Making Practice: Contexts and Objectives
	Unit 2 – PROD2 Learning Through Designing and Making	Investigation and Clarification of problems		Investigation and Clarification of problems	Development of a Design Proposal		Evaluation/ Testing	Contexts and Objectives
Year 13	Section 4 design and manufacture	Section 5 design and market influences		Section 5 design and market influences	Section 5 design and market influences		Section 6 processes and manufacture	
	Unit 4 – PROD4 Design and Making Practice	Plan of Action and Clarification of Problem Development of Design Proposal		Manufacturing/ Modelling	Conclusions, Evaluations and Recommendations		Exam Techniques/ past papers	