

# RESISTANT MATERIAL: Year 11

## Course Outline



Half term	TOPIC	CONTENT	What this covers
1	Major project specification	Full written specification of your product	Analysis of brief, collating all research done in year 10
	Major project cutting list	Scaling up sizes from the model made	Measuring and costing wood
	Major project test pieces	Practical practise	Practical skills
OCTOBER HALF TERM HOLIDAY			
2	Making the major project	Independent work with teacher and technician guidance	Pupils are working to their own plans
	In single lessons exam work	Example exam questions	Material properties/skills in practise/maintenance of products/making products in quantity/ergonomics/sustainability/designing
	Mock exam	2 hour mock exam	Revision of the whole course
CHRISTMAS HOLIDAYS			
3	Completing the major project	Pupils complete the products	Cad/cam, solidworks. 2D design tools
	Major project testing	Client testing	Pupils write a questionnaire and test against the original specification
	Major project evaluation		Written evaluation and development points identified
FEBRUARY HALF TERM HOLIDAY			
4	Coursework completion and submission	Folder work is finished off any missing pages caught up and completed	Pupils number all pages and ensure they have completed all sections against the grade criteria
	Exam revision		
EASTER HOLIDAYS			
5	Exam revision	Revising and practise exam questions	
MAY HALF TERM HOLIDAY			
6	Written exam		