

Wk	Week	Coursework Project	Theory
	Autumn 1		
1	1) 4 th Sept	Morphological Initial Table + Basic Concept Sketches – Specification (+HW 3 Weeks) Research: Check Mood, Contextual, Product Analysis + Comparisons , Market Gap, Anthro complete and printed.	
2	2) 11 th	Initial Ideas sketches from morph	Specification: continue+ progress check
1	3) 18 th	Initial Ideas sketches from morph	Specification – finished + printed
2	4) 25 th	Initial ideas sketches + annotations + spec checks	Metal Processes – check completed
1	5) 2 nd Oct	Development - (7 weeks) Complete Morph Dev table	Composites
2	6) 9 th	Development - Sketch, CAD, models,	Smart Materials + Measuring / Marking
1	7) 16 th	Development - Sketch, CAD, models,	Energy
2	8) 23 rd	Development. Sketch, CAD, models INSET Fri 27th	Design History
	½ Term	Oct 30 th – Nov 5 th	
	Autumn 2		
1	1) 6 th Nov	Development Sketch, CAD, models	1) Scales of Production
2	2) 13 th	Development Sketch, CAD, models	2) Industrial and Commercial Practice
1	3) 20 th	Development Sketch, CAD, models	3) Legislation, H&S and Patents
2	4) 27 th	Final idea (4 Weeks) - Sizes & materials ordering	4) Marketing and the 4 P's
1	5) 4 th Dec	Final idea – Presentation Drawing	Flexible – 3 weeks to finish theory then recap / sort any Y12 materials and processes or machinery skills + theory. Lathe, router, plasma cutter + CAD/CAM setup and use of 3D printer / laser cutter. INVENTOR support and presentation/orthographic drawings
2	6) 11 th	Final idea – Orthographic Drawing	
1	7) 18 th	Final idea - Cutting list / Production plan	
	Christmas	22 nd Dec – 7 th Jan HO HO HO !!	
	Spring 1		
2	1) 8 th Jan	Inset Day 3rd+4th Jan Practical (10 weeks) + Photo diary of production	
1	2) 15 th	Practical - Photo diary of production	Feedback from design and development section – complete any next steps for homework. PLEASE USE AFTER SCHOOL OR NCT LESSONS WHERE POSSIBLE TO CATCH UP ON PRACTICAL WORK
2	3) 22 nd	Practical - Photo diary of production	
1	4) 29 th	Practical - Photo diary of production	
2	5) 5 th Feb	Practical - Photo diary of production	
	½ Term	12 th – 18 th Feb	
	Spring 2		
1	1) 19 th	Practical 3D Printing	Revision of Y12 materials and processes as needed. Start revising ALL content from Y12 and 13 for the summer exam
2	2) 26 th	Practical 3D Printing	
1	3) 4 th Mar	Practical 3D Printing	
2	4) 11 th	Practical	
1	5) 18 th	Practical - Final week of practical work in lessons and after school.	
	Easter	25 th March – 7 th April	
	Summer 1		
2	1) 8 th Apr	INSET Day Monday 17th Testing and Evaluation	
1	2) 15 th	Testing and Evaluation – Hand in by Friday 28 th April for marking!	
2	3) 22 nd	Bank Holiday Monday 1 st May Testing and Evaluation Feedback and Final Tweaks and sample ready for moderator	
1	4) 29 th	Fri 13th Sample of work confirmed when final marks are submitted online	
2	5) 6 th May	Revision + Collation of sample folders, models and final product	
1	6) 13 th	Revision + MODERATOR VISIT – date to be confirmed.	
2	7) 20 th	Revision	
	½ term	27 th May - 2 nd June	
1	1) 3 rd Jun	Y13 exam Provisional Date Weds 5 th June	