

Year 7 Product Design

Half Term	Workshop 1 - Robot	Assessment Opportunity
Workshop 1	Health and Safety	
	Timber Theory	
	Hand tool skills	
	Machine Skills	
	Refining	
	Finishing Techniques	
	Assessment	End of Unit Theory Assessment
	Assembly	Practical Skills Assessment
Half Term	Workshop 2 - Clock	Assessment Opportunity
Workshop 2	Memphis Design	Design Ideas Assessment
	Template	
	Machine Skills	
	Working with polymers	
	Finishing techniques	Homework Assessment
	Assembly	
	Evaluation	
	Sustainability	

Year 7 Graphics & Textiles

Half Term	Graphics - drawing skills	Assessment Opportunity
Graphics	Colour Theory	
	1 point perspective	
	2 point perspective	
	Rendering	Assess drawing skills
	Logo Design	
	Packaging Analysis	
	Packaging Nets	
	End of unit Assess	End of Unit Theory Assessment
Half Term	Textiles Natural fabrics	Assessment Opportunity
Natural Textiles	Natural Fabrics	
	Tie Dye	
	Threading Sewing machine	
	Using Sewing Machine	
	Patterns	
	Construction	Homework Assessment
	Evaluation	
	Self Assessment	Practical Skills Assessment

Year 7 Food and Nutrition

Half Term	BASIC SKILLS 1	Assessment Opportunity
Basic Skills, Routines	Health and Safety	
	Knife Holds	
	Enzymic Browning	
	Weighing/Measuring	
	Hob—Melting Method	
	Oven	
	Theory Revision	End of Unit Theory Assessment
	Boiling	Homework Assessment
Half Term	BASIC SKILLS 2	Assessment Opportunity
Basic Skills	Oven	
	Weighing / Measuring	
	Creaming	
	Grill	Practical skills Assessment
	Knife Skills	
	Rubbing-in method	
	Shaping	
	Hygiene and Safety	Long answer Exam style question

Year 8 Product Design

Half Term	Workshop - USB Lamp	Assessment Opportunity
Electronics	Timber Theory	
	Handtool skills	
	Machine skills	
	Electronics Theory	
	Soldering	
	Joining Techniques	Practical Skills Assessment
	Finishing Techniques	
	Assessment	End of Unit Theory Assessment
Half Term	2D CAD/CAM	Assessment Opportunity
2D CAD	Introduction to CAD	
	Basic CAD Skills	
	Precision CAD Skills	
	Evaluate CAD Skills	2D CAD Skills
	Introduction to CAM	Homework Assessment
	Polymer Theory	
	Industrial Processes	

Year 8 Graphics & Textiles

Half Term	Graphics - drawing skills	Assessment Opportunity
Graphics	Isometric Exploded	
	Ellipses Cylinder	
	Colour Theory	
	Rendering	Assess drawing skills
	Typography	
	Typography Design	
	Theory Revision	
	End of Unit Assess	End of Unit Theory Assessment
Half Term	Textiles Natural fabrics	Assessment Opportunity
Synthetic Textiles	Synthetic Fabrics	
	Jon Burgerman style	
	Design Ideas	
	Dye Sublimation	
	Sewing Machine	
	Hand stitching	Homework Assessment
	Embellishments	Practical Skills Assessment

Year 8 Food and Nutrition

Half Term	BASIC SKILLS 1	Assessment Opportunity
Medium level skills 1	4c's	
	Bread Making	
	Eatwell guide	
	Knife Skills	
	Oven	
	Shaping	
	Packaging	Homework Assessment
	Theory Revision	End of Unit Theory Assessment
Half Term	BASIC SKILLS 2	Assessment Opportunity
Medium level skills 2	Knife Skills	
	Danger Zone	
	Cooking Raw Meat	
	Red Tractor Scheme	
	Food Assurance	Long answer Exam style question
	Oven	
	Seasoning	Practical skills Assessment

Year 9 Product Design

Half Term	Workshop - Metal Casting	Assessment Opportunity
Pweter Casting	Iconic Designers	
	Design and Render	
	2D Design	
	Casting and Metal Theory	
	Casting	
	Finishing techniques	Practical Skills Assessment
	Joining techniques	
	Assessment	End of Unit Theory Assessment

Year 9 Graphics & Textiles

Half Term	Graphics - drawing skills	Assessment Opportunity
Prototype Modelling	Theory paper/card	
	Health and Safety	
	Card modelling	
	Iconic Design	Assess drawing skills
	Iterative Design	
	Design Development	
	Theory Revision	
	End of Unit Assess	End of Unit Theory Assessment

Year 9 Food and Nutrition

Half Term	BASIC SKILLS 1	Assessment Opportunity
High Level skills 1	Food Safety	
	Roux	
	Gelatinisation	
	Melting—Hob	
	Whisking Method	
	High Risk Food Cooking	
	High Level Skills	End of Unit Theory Assessment
	Theory Revision	Homework Assessment

Year 9 Product Design

Half Term	3D CAD/CAM	Assessment Opportunity
3D CAD	Introduction to CAD	
	2D Skills	
	Extruding 3D Shapes	
	Cutting and Filleting	
	Revolve	Homework Assessment
	Creating a prototype	
	Exporting an STL file	3D CAD Skills
	Evaluation	

Year 9 Graphics & Textiles

Half Term	Textiles Natural fabrics	Assessment Opportunity
Technical Textiles	Technical Textiles	Homework Assessment
	Design Ideas	
	Fabric Patterns	
	Pinning and Cutting Felt	
	Hand Stitching	
	Sewing Machine Construction	
	Filling	
	Evaluation	Practical Skills Assessment

Year 9 Food and Nutrition

Half Term	BASIC SKILLS 2	Assessment Opportunity
High level skills 2	Whisking Method	
	Eggs	
	Denaturation	
	Food Miles	
	Food Waste	Long answer Exam style question
	Pastry	
	High Level Skills	Practical skills Assessment
	Food Styling	