



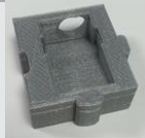


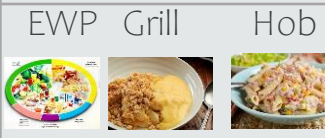
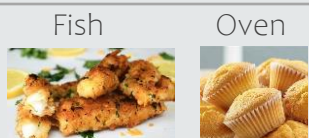






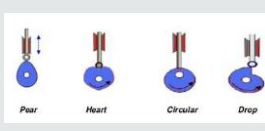
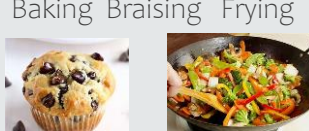






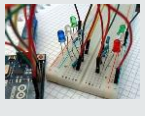





Design & Technology

Key Stage 3

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	PD Skills Passport 	Designing through sketching, modelling 	Acrylic Pen 	Phone Stand Storage Pot 	CAD CAM Sharpener 	
	E-Textiles Skull Fabric Torch 		Catering Skills Passport 	EWP Grill Hob 	Fish Oven 	
Year 8	Clock – Design Movements 	USB Desk Lamp 	Beach Huts 	Problem Solving 	Proteins Fats Carbohydrates 	
	Forces and Stresses 	Mechanical Systems and Movement 	Baking Braising Frying 	Taste testing Climate Change 		
Year 9	Chocolate Box 	Coat Hook 	Sustainability Bug House 	Grand Designs 	Iterative Design 	Electronics Testing 
	Food safety 	Special Diets 	The Industry 			

Design & Technology

Key Stage 4 - Year 10

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Design and Technology: Product Design	Materials and their working properties	Timbers and Polymers		Designing Principles		Making Principles
	One lesson a week students will also complete a series of practical tasks					NEA
Engineering Design	R040: Design, Evaluation and Modelling Product Evaluation Modelling Design Ideas Completion of NEA	R040: Design, Evaluation and Modelling Product Evaluation Modelling Design Ideas Completion of NEA	R038: Principles of Engineering Design Designing Processes Design Requirements Communicating Design Outcomes Evaluation Design Ideas	R038: Principles of Engineering Design Designing Processes Design Requirements Communicating Design Outcomes Evaluation Design Ideas	Skills Passport Screwdriver Identity Tag Pop Riveting Multi Tool	Skills Passport Screwdriver Identity Tag Pop Riveting Multi Tool
Hospitality and Catering	The industry, job roles and requirements	Factors affecting success Hospitality operations	Hospitality operations Health and safety	Food safety	Food safety	Food safety Meeting customer needs

Design & Technology

Key Stage 4 - Year 11

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Design and Technology: Product Design	Making Principles	New and emerging technologies	Energy, materials, systems and devices	Specialist technical principles	Exam prep	
	NEA – Non Examined Assessment					
Engineering Design	R039: Communicating Designs Manual production of freehand sketches Manual production of engineering drawings Use of CAD Completion of NEA	R039: Communicating Designs Manual production of freehand sketches Manual production of engineering drawings Use of CAD Completion of NEA	R038: Principles of Engineering Design Designing Processes Design Requirements Communicating Design Outcomes Evaluation Design Ideas	R038: Principles of Engineering Design Designing Processes Design Requirements Communicating Design Outcomes Evaluation Design Ideas	Exam prep	
Hospitality and Catering	Health and safety of the kitchen and front of house Food Safety Food related causes of ill health Symptoms and signs of food-induced ill health Preventative control measures of food-induced ill health	The Environmental Health Officer (EHO) Customer requirements in hospitality and catering	Controlled assessment	Exam Revision Hospitality and catering providers Working in the hospitality and catering industry Working conditions in the hospitality and catering industry Contributing factors to the success of hospitality and catering provision	The operation of the front and back of house Customer requirements in hospitality and catering Hospitality and catering provision to meet specific requirements Health and safety in hospitality and catering provision Food Safety	

Design & Technology

Key Stage 5

Year 12	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Design and Technology: Product Design	Polymers Metals Woods	Metals Woods Papers & Boards	Composite, Smart and Modern Materials	Modern, Industrial and Commercial Practice	Product Design Considerations	Product Design Development
	Short focussed practical tasks					NEA

Year 13	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	
Design and Technology: Product Design	Design Methods	Design Processes	Responsible Design		Exam Prep	
	NEA					