



Hospitality and Catering

BIG PICTURE

Scheme of Work Module Outline

YEAR	AUTUMN	SPRING	SUMMER
7 2019/20	<p>Module 1 WHAT IS HOSPITALITY AND CATERING? Catering in the classroom Hospitality in Industry</p> <p>Module 2 HEALTH AND HYGIENE Catering in the classroom Hospitality in Industry</p> <p>Module 3 PRACTICAL 1 KNIFE SKILLS Claw Bridge</p> <p>Module 4 HEALTH AND HYGIENE 2 4 C's</p> <p>Module 5 PRACTICAL 2 USING A HOB Egg Boiling</p> <p>Module 6 NUTRITION EATWELL PLATE Health Diet</p>	<p>Module 7 PRACTICAL 3 MIXING and BAKING Biscuits</p> <p>Module 8 NUTRITION 2 PROTEINS Function Where can you find them?</p> <p>Module 9 PRACTICAL 4 CREAMING and BAKING Cupcakes</p> <p>Module 10 NUTRITION 3 CARBOHYDRATES Function Where can you find them?</p> <p>Module 11 PRACTICAL 5 KNEADING Mini Pizza</p> <p>Module 12 NUTRITION 4 FATS Function Where can you find them?</p>	<p>Module 13 PRACTICAL 6 BAKING Jam Tarts</p> <p>Module 14 NUTRITION 5 VITAMINS AND MINERALS Function Where can you find them?</p> <p>Module 15 PRACTICAL 7 SKILL BUILDING</p> <p>Module 16 NUTRITION 5 WATER & DIETARY FIBRE Function Where can you find them?</p> <p>Module 17 PRACTICAL 8 SKILL BUILDING</p> <p>Module 18 TESTING and RECAP TEST Review knowledge learnt</p>



DESIGN & TECHNOLOGY

Technology - RMT

Scheme of Work Lesson Outline

YEAR	AUTUMN	SPRING	SUMMER
7 2019/20	A Module 1 HEALTH & SAFETY? Being aware of risks and hazards Personal Protective Equipment Workshop Rules and Protocols Module 2 WORKING WITH TIMBER Natural and Manmade Conversion and Manufacture Properties Common uses Desk Tidy – Big Picture/Context Module 3 MARKING OUT Tools & Equipment Measuring skills Marking out the box sides Marking out the backboard design Manufacturing Diary B Module 4 CUTTING & SHAPING Using a Tenon saw and Bench hook Using a Coping saw Drilling holes Manufacturing Diary Module 5 ASSEMBLING THE BOX Using PVA Fitting a base Drilling holes and countersinking the back board Manufacturing Diary Module 6 QUALITY CONTROL 1 Sanding and finishing components Applying a finish Manufacturing Diary	A Module 7 CAD/CAM Using 2D Design Using the laser cutter Adding other features Manufacturing Diary Module 8 QUALITY CONTROL 2 Sanding and finishing components Applying a finish Final assembly Manufacturing Diary Module 9 EVALUATING THE PRODUCT Photographic record Gathering feedback from users Testing and Trialling Suggesting modifications B Module 10 WORKING WITH PLASTICS Origin and Identification Properties Common uses Phone Stand – Big Picture/Context Module 11 DESIGNING Testing and trialling in MDF Ergonomics & Anthropometrics Key sizes Marking out the slot Laminating the Acrylic Adhesives Manufacturing Diary Module 12 CUTTING & SHAPING 1 Cross Filing & Draw Filing Types of Files Manufacturing Diary	A Module 13 CUTTING & SHAPING 2 Cutting the slot Using Hacksaws Drilling holes Shaping the body Cross Filing & Draw Filing Using wet and dry paper Manufacturing Diary Module 14 QUALITY CONTROL 1 Testing and adjustment Using wet and dry paper Polishing Manufacturing Diary Module 15 CAD/CAM Using 2D Design Using the laser cutter Final assembly Manufacturing Diary B Module 16 PACKAGING THE PRODUCT 1 What is the function of Packaging? What is a blister pack? Vacuum forming Artwork for card backing Module 17 PACKAGING THE PRODUCT 2 Vacuum forming Artwork for card backing Assembling Manufacturing Diary Module 18 EVALUATING THE PRODUCT Photographic record Gathering feedback from users Testing and Trialling Suggesting modifications



DESIGN & TECHNOLOGY

Core

Scheme of Work Module Outline

YEAR	AUTUMN	SPRING	SUMMER
7 2019/20	A Module 1 WHAT IS A DESIGNER? History of Design Design Classics	A Module 7 WHAT IS A DESIGNER? Careers in Design Product Analysis	A Module 13 WHAT IS A DESIGNER? Design Profile British Design
	Module 2 WHAT IS THE DESIGN PROCESS? Analysis of Context Client Profile Design Brief Research	Module 8 WHAT IS THE DESIGN PROCESS? Specification Generating design ideas Developing design ideas Presentation of Final idea	Module 14 WHAT IS THE DESIGN PROCESS? CAD and Card modelling Making a Prototype Evaluating
	Module 3 WHAT IS CREATIVITY? Problem Solving Measuring skills Cutting list	Module 9 WHAT IS CREATIVITY? Working in groups The 6R's	Module 15 WHAT IS CREATIVITY? Creativity tools Smart materials
	B Module 4 COMMUNICATION SKILLS Isometric Crating Thick & Thin lines	B Module 10 COMMUNICATION SKILLS Shading and tone Rendering	B Module 16 COMMUNICATION SKILLS 1- and 2-point perspective Exploded drawings
	Module 5 COMMUNICATION SKILLS 2D Design	Module 11 COMMUNICATION SKILLS Sketch up	Module 17 COMMUNICATION SKILLS Scale Working drawings Adding dimensions
	Module 6 PRODUCT ANALYSIS ACCESS FM Aesthetics Customer needs Costings	Module 12 PRODUCT ANALYSIS ACCESS FM Ergonomics & Anthropometrics Sustainability Sizes	Module 18 PRODUCT ANALYSIS ACCESS FM Function Material properties