



# Hospitality and Catering

## BIG PICTURE

### Scheme of Work Module Outline

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



# DESIGN & TECHNOLOGY

## Technology - RMT

### Scheme of Work Lesson Outline

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



# DESIGN & TECHNOLOGY

## Core

### Scheme of Work Module Outline

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