

Design Technology & Food – Curriculum Overview

Year	Autumn 1 – Autumn 2 – Spring 1	Spring 2 – Summer 1 – Summer 2
7	<p>FOOD Methods & Ingredients Project</p> <p><u>Topics:</u> General health and safety in the kitchen, Safety of Foods, Enzymic browning, Food provenance, vitamins and minerals.</p> <p><u>Practical dishes:</u> cooker licence—hob, sandwich, fruit fusion, dippy divers, apple crumble, potato wedges, frittata.</p>	<p>RM Media Stand Project</p> <p><u>Topics:</u> Designing for a user, perspective and isometric 2D & 3D drawing, design development, working with wood and wood tools, pillar drill, hand tools, finishes and tolerances.</p> <p><u>Practical:</u> Laser cut LED badge, active listening, problem-solving, following a flow chart, quality and tolerance.</p>
8	<p>FOOD Portable Lunch Project</p> <p><u>Topics:</u> General health and safety in the kitchen, carbohydrates and sugar, gelatinisation, culture, lifestyle and cost, fast food-health, food provenance– rice.</p> <p>Practical dishes: vegetable couscous, baked jollof, Belgian chocolate cakes, quick pizza, macaroni and cheese, baked fish goujons, jam jar lunch.</p>	<p>RM Clock Project</p> <p><u>Topics:</u> Basic electronics, energy storage, plastics, soldering, strip heating, production diary, working to tolerance, hand tools, laser cutting, 2D Design CAD/CAM, product assembly, basic joints, finishes.</p> <p><u>Practical:</u> MDF battery-powered clock.</p>
9	<p>FOOD Street Food Project</p> <p><u>Topics:</u> General health and safety in the kitchen, proteins and alternatives, safe preparation, micro organisms, gluten formation, egg cookery, ethical, animal welfare-environment-health, impact of food production-eggs, world food.</p> <p><u>Practical dishes:</u> sausage rolls, quesadilla, spring rolls, noodle soup, focaccia bread, wrap-it-up street foods, cupcakes.</p>	<p>RM Lamp Design Project</p> <p><u>Topics:</u> Basic electronics, energy storage, plastics, soldering, strip heating, production diary, working to tolerance</p> <p><u>Practical:</u> Acrylic, metal and wood designer lamp.</p>

