



Technology

Curriculum Overview 2021 - 2022

	Year 7	Year 8	Year 9	Year 10 GCSE Design and Technology	Year 10 Vocational Hospitality and Catering	Year 11 Certificate Engineering	Year 11 GCSE Design and Technology	Year 11 Vocational Hospitality and Catering
Half Term 1	Resistant Materials – Toy car project	Resistant Materials – Toy car project	Resistant Materials - Trowel	Theory: Materials, Sustainability in design Practical: RM Trowel	Theory: LO4 Know how food can cause ill health Practical: High risk food themed dishes	Theory: Product disassembly, analysis skills, CAD design Practical: Recycling materials project	Theory: Manufacturing processes, product disassembly Practical: Modelling skills NEA: Analysing the context, research, user profile	Complete Unit 2 NEA preparation (Knowledge and class notes to support NEA). Start mock coursework unit 2. Practical: Development of high-level skills
	Food and Nutrition	World Cuisine	Street Food					
Half Term 2	Resistant Materials – Toy car project	Resistant Materials – Toy car project	Resistant Materials - Trowel	Theory: Materials, Processes. Sustainability and the Environment Design skills (CAD) development Practical: Garden ornament Assessment 1	Theory: LO1 Understand the environment in which hospitality and catering providers operate Practical: 1. High risk food themed dishes 2. Presentation skills Assessment 1	Theory: Generating design ideas, graphics skills, CAD Practical: Centre assessed project work Assessment 1	Theory: Iterative design Practical: Modelling skills NEA: Design iterations, Assessment 1	Mock Exam- REVISION Mock practical exam- Practice Practical: Development of high-level skills Assessment 1
	Food and Nutrition	World Cuisine	Street Food					
Half Term 3	Electronics – Steady hand Game	Electronics – Steady hand Game	Resistant Materials - Trowel	Theory: Scales of Production, Forces and Mechanisms Investigating the wider work of others Practical: Working with plastics	Theory: LO2 Understand how hospitality and catering provision operates.	Theory: Modelling skills. Production of prototype Practical: Centre	Theory: Exam questions Practical/ NEA: Prototype development Mock Exam	Start real coursework Unit 2 NEA work- LO1 Understand the importance of nutrition when
	Graphics	Resistant Materials –						



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		Memphis Design			Practical: Dishes that cater for a range of dietary needs	assessed project work Mock Exam		planning menus AC1 – AC1.4 Unit 2 NEA: LO2 Understand menu planning AC2.1 - 2.4
Half Term 4	Electronics – Steady hand Game	Resistant Materials – Memphis Design	Resistant Materials – Memphis Design	Theory: Energy, Electronics, logic systems, mathematics in Design Practical: CAD CAM	Theory: LO3 Understand how hospitality and catering provision meets health and safety measures. Practical: High skilled dishes (range of commodities, preparation and cooking skills)	Theory: Revision Practical: Centre assessed work	Theory: Revision NEA: Final modifications. Evaluation	REAL PRACTICAL EXAM NEA: LO3 Be able to cook dishes AC3.1-3.5 Finish NEA
	Graphics	Electronics – Steady hand Game	Master Chef					
Half Term 5	Resistant Materials - Pewter Casting	Resistant Materials – garden Ornament	Resistant materials – Recycling	Theory: Smart materials and advances in technology Practical: Wood joints	Theory: LO5 Be able to propose a hospitality and catering provision to meet specific requirements Unit 1 exam preparation REVISION	Final Exam Further practical skill opportunities	Final Exam Further practical skill opportunities	Complete sections of unit 1 LO3 theory. Unit 1 revision.
	Food and Nutrition	World Cuisine	Master Chef					
Half Term 6	Resistant Materials - Pewter Casting	Resistant materials - Garden ornament	Resistant materials catch-up	Theory: Assessment 1 Introduction of NEA 2022	Unit 2 NEA preparation (Knowledge and class notes to support NEA) Practical: Development of high-level skills			
	Food and Nutrition	World Cuisine	Master Chef					



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Assessment Plan

Year 7	Year 8	Year 9	Year 10	Year 11
Autumn 2 Assessment 1 - Base Line			Autumn 2 Assessment 1 Past Paper	Autumn 2 Assessment 1 Past Paper
Application – Steady hand Game	Application – Steady hand Game	Application – Trowel (Outcome only)		Mock exam – Past Paper
Summer 1 Assessment 2 Knowledge	Summer 1 Assessment 2 Knowledge	Summer 1 Assessment 2 Knowledge	Summer 1 Assessment 2 Past Paper	