

Year 8 Curriculum Overview Plan: Design & Technology

N.B – These subjects are taught in on a half-termly rotation that can occur in any order.

Workshop	Studio	Kitchen
<p>Key Theme: Timber</p> <p>Substantive knowledge to be embedded: Links to Prior Learning: Sources and Properties of Material Generating and Communicating Design Ideas in 2D Identifying and using basic tools and equipment</p> <p>Links to Prior Learning: Year 7 Materials Rotation as well as materials and design.</p> <p>Key Assessment Pieces: Design Proposal and Manufacturing Plan Design and Product Evaluation</p> <p>Tier 3 Vocabulary Vault: Design, Manufacture, Evaluate, Material-Metals, Ferrous, Non-Ferrous, Alloys. Iron, Steel, Stainless Steel, Brass, Copper, Aluminium. Scribe, Hack Saw, Tri Square, Steel Rule, Punch, Stamp, Drill.</p>	<p>Key Theme: Product Communication</p> <p>Substantive knowledge to be embedded: Positive features of products Areas for development of products Sustainability Engineering Design Process Logo design Isometric drawing</p> <p>Links to Prior Learning: Year 7 Studio Rotation</p> <p>Key Assessment Pieces: Modelling of phone holder</p> <p>Tier 3 Vocabulary Vault: Modelling Cost Positive and Negative Influencer Functionality Useability</p>	<p>Key Theme: Around the World</p> <p>Substantive knowledge to be embedded: Healthy eating, health and safety routines, British Cuisine vs International Cuisine, making savory and sweet dishes, techniques such as chopping, grating, frying, whisking, time management, meal planning</p> <p>Links to Prior Learning: Year 7 Food Rotation as well as KS2 Food and Nutrition.</p> <p>Key Assessment Pieces: A collection of practical food products.</p> <p>Tier 3 Vocabulary Vault: Eatwell Guide Cuisine Traditional Savory Technique Dessert Absorb</p>

<p>Reading Exposure: Design Briefs, Instruction, Risk Assessments</p>	<p>Reading Exposure Design Briefs, Instructions, Health and Safety and Risk Instructions</p>	<p>Adapt Presentation Layers Kneading Evaluation</p> <p>Reading Exposure Recipes, instructions and tasks</p>
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