

Year 8 Curriculum Overview [2021-2022]

Subject – Technology

Knowledge & Understanding			Literacy Skills Opportunities for developing literacy skills	Employability Skills [if any]	Assessment Opportunities
Composites	Components [includes understanding of KEY concepts & subject specific vocab]	Formal Retrieval [if any]			
9 Lessons – Food – Health Related Illnesses					
<ul style="list-style-type: none"> Health related illnesses Savoury dishes Application of cooking techniques 	<ul style="list-style-type: none"> Obesity CHD Anaemia Skeletal disease Type 2 diabetes Recipe adaptation Ingredients Independence Safety Heat transfer Use of equipment Use of food probe 	<ul style="list-style-type: none"> Macronutrients Measuring Instructions Use of cooker Sensory Application of skills Safety 	<ul style="list-style-type: none"> Presenting information in an easily accessible format. Interpreting written instruction. Listening skills. Communication skills. 	<ul style="list-style-type: none"> Following instructions. Time management. Teamwork. 	<ul style="list-style-type: none"> Formative practical assessment – 4 tasks Summative theory assessment – Lesson 9

9 Lessons – Design Technology – Metal Casting

<ul style="list-style-type: none"> • Design Skills • Materials – metals and alloys • Create a metal product 	<ul style="list-style-type: none"> • 1 point perspective • Colouring techniques • Ferrous metals • Non-ferrous metals • Alloys • Coping saw • Metal Casting • Filing and sanding • Health and Safety • 	<ul style="list-style-type: none"> • Health and Safety • Technical drawing skills • Measurements • Marking out 	<ul style="list-style-type: none"> • Reading for research • Listening skills • Conveying ideas 	<ul style="list-style-type: none"> • Working independently 	<p>Summative theory assessment – Lesson 9</p> <p>Assessment of final product:</p> <ul style="list-style-type: none"> • Cast metal jewellery
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9 Lessons – Computing – Web Design					
<ul style="list-style-type: none"> eSafety Web Design 	<ul style="list-style-type: none"> Cookies Clickbait Personal Information Online Challenges Graphic Design Navigation House style Layout 	<ul style="list-style-type: none"> eSafety File and Folder structure 	<ul style="list-style-type: none"> Writing to inform Writing for a specific audience Listening 	<ul style="list-style-type: none"> Web Design Safe use of ICT 	<p>Summative theory assessment – Lesson 9</p> <p>Assessment of final product:</p> <ul style="list-style-type: none"> eSafety website
9 Lessons – Food – Food Provenance					
<ul style="list-style-type: none"> Food sources Seasonality Food Security Food waste Food sustainability 	<ul style="list-style-type: none"> Growing Rearing Catching Gathering Fruit / vegetables / Fish Life cycles Food tasting Affordability Nutritious Fair trade Recycling Re-using Reducing Enabling communities Plant and animal diversity Sustainable fishing (case study) 	<ul style="list-style-type: none"> Nutrition Sustainability Seasons 	<ul style="list-style-type: none"> Oral discussion Presentation o key facts in an easy-to-understand format Analysis of data Multiple choice questions Short response questions Writing instructions Explanation text Writing for an audience Debate skills / persuasive arguments 	<ul style="list-style-type: none"> Health Sustainability Recycling Independent learning 	<p>Summative theory assessment – Lesson 9</p> <p>Ongoing formative assessment.</p>