

Area of study	Your child will ... (Knowledge)	Your child will be able to... (Skills)
<b>Rotations</b>		
<p>Food: A Balanced Diet</p>	<ul style="list-style-type: none"> <li>• <b>Explain</b> the role of the essential nutrients and the eatwell guide in a balanced diet (The essential nutrients, Macro and micro nutrients, The Eatwell guide)</li> <li>• <b>Know</b> some of the key attributes of fine dining plating (colour, portion control, position, organoleptics)</li> <li>• <b>Describe</b> how yeast works and what it requires to become active</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Use</b> tools and equipment (Revise and develop knife, hob and oven, small electrical equipment)</li> <li>• <b>Use</b> intermediate skills (Kneading, Piping, Whisking, Making a complex sauce)</li> <li>• Follow <b>health and safety</b> (Risk assessments, PPE)</li> <li>• <b>Make</b> a range of dishes (Vegetable Couscous, Chilli Con Carne, Ultimate Garlic Bread, Stir Fry, Mille Feuille, Fresh Bread Pizza)</li> </ul>
<p>Resistant Materials: Metal Copper Tray</p>	<ul style="list-style-type: none"> <li>• <b>Describe the terms</b> Aesthetics, Ergonomics and Stability, Function</li> <li>• <b>Explain</b> the design process (Design Development, Prototyping)</li> <li>• <b>Describe the terms</b> Ferrous, Non-Ferrous and Alloy</li> <li>• <b>Name</b> the properties of metal</li> <li>• <b>Describe</b> the methods of manufacture (Bending, Forming, Finishing, Riveting)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Use</b> research to design for a specific group</li> <li>• <b>Develop</b> a range of design ideas with detailed <b>annotation</b></li> <li>• <b>Make</b> a Prototype</li> <li>• <b>Use</b> tools and equipment (Engineer's square, Tin Snips, Hand File, Engineer's vice, Scriber, Centre Punch, Battery Drill, Pot Riveter)</li> <li>• Follow <b>health and safety</b> (Risk assessments, PPE)</li> <li>• <b>Make</b> a Copper Plate</li> </ul>
<p>Textiles: Cushion Cover</p>	<ul style="list-style-type: none"> <li>• <b>Explain</b> where fabric comes from (origins)</li> <li>• <b>Describe the terms</b> Smart Materials, Sustainability</li> <li>• <b>Name</b> the parts of a sewing machine</li> <li>• <b>Describe</b> a range of Decorative Techniques (Hand Sewing, Tie Dye, Machine Sewing, Printing)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Use</b> research to <b>sketch</b> design ideas</li> <li>• <b>Use</b> tools and equipment (Needle, Scissors, Sewing Machine)</li> <li>• Follow <b>health and safety</b> (Risk assessments, PPE)</li> <li>• <b>Make</b> a Fabric Cushion Cover</li> </ul>