

Area of study	Your child will ... (Knowledge)	Your child will be able to... (Skills)
<b>Rotations</b>		
<p>Food: Health, Safety and Hygienees</p>	<ul style="list-style-type: none"> <li>• <b>Explain</b> how bacteria spreads</li> <li>• <b>Describe</b> how to control bacteria levels and why it is important (Personal hygiene, the food prep environment, temperature control)</li> <li>• <b>Name</b> the difference between food origins ( caught, reared, processed)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Use</b> tools and equipment (Knife, hob, grill and oven)</li> <li>• <b>Follow</b> health and safety (Risk assessments, PPE)</li> <li>• <b>Make</b> a range of dishes (Fruit Salad, French Bread Pizza, Bread, Pasta Salad, Chicken Goujons, Pithivier)</li> </ul>
<p>Resistant Materials: Wooden Bird Tray</p>	<ul style="list-style-type: none"> <li>• <b>Name</b> the properties of wood</li> <li>• <b>Describe the terms</b> Softwood, Hardwood and Manufactured Boards</li> <li>• <b>Describe</b> the methods of manufacture (Lap Joint, Shoulder Joint, Panel pins)</li> <li>• <b>Explain</b> environmental impact of developing and manufacturing new products (Sustainability, The 6 R's)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Use</b> tools and equipment (Steel Rule, Try-Square, Marking Gauge, Tenon Saw, Coping Saw, Multi Purpose Drill)</li> <li>• Follow <b>health and safety</b> (Risk assessments, PPE)</li> <li>• Accurately Mark out</li> <li>• Accurately Cut</li> <li>• <b>Make</b> a Wooden Bird Tray</li> </ul>
<p>Design: CAD Design</p>	<ul style="list-style-type: none"> <li>• <b>Explain</b> the design process, including the use of templates (Design Brief, Specification, Design Development, Templates)</li> <li>• <b>Describe</b> different production methods (vacuum forming, blow moulding)</li> <li>• <b>Name</b> the properties of plastic</li> <li>• <b>Describe the terms</b> Thermoplastic and Thermo-setting plastic</li> <li>• <b>Describe</b> the design features of Packaging</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Sketch</b> a range of design ideas with detailed annotation</li> <li>• <b>Produce</b> a final design using CAD software</li> <li>• <b>Make</b> a Plastic Chocolate Mould</li> <li>• <b>Develop</b> a packaging design</li> </ul>