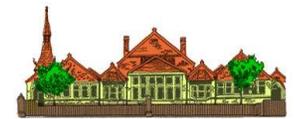
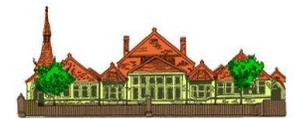


None Negotiables – Design



Year Group	Topics	None Negotiables
Year 1		<ul style="list-style-type: none"> • Food skills ongoing all terms: Cut, peel or grate ingredients safely and hygienically. • Assemble or cook ingredients. • Cut materials safely using tools provided (scissors). • Measure using none standard units • Demonstrate a range of cutting and shaping techniques (such as tearing, cutting, folding and curling). • Using levers in simple designs
Year 2		<ul style="list-style-type: none"> • Ongoing - measure, weigh using measuring cups or electronic scales. Assemble and cook ingredients. • Cut materials safely. Measure and mark out to nearest cm (Maths). • Colour and decorate textiles - see Art below • Create products with wheels, winding mechanisms • Assemble and cook ingredients. • Demonstrate a range of joining techniques - gluing, hinges or combining materials to strengthen. • Design products that have a clear purpose and an intended user. • Make products, refining the design as work progresses. • Shape textiles using templates. • Join textiles using running stitch.
Year 3		<ul style="list-style-type: none"> • Choose suitable techniques to construct products • Strengthen materials using suitable techniques • Make products by working efficiently • Refine work and techniques as work progresses • Cut materials accurately and safely • Select appropriate joining techniques • Choose appropriate techniques to construct products • Strengthen materials using suitable techniques • Prepare ingredients hygienically • Measure ingredients • Follow a recipe • Assemble and cook ingredients
Year 4		<ul style="list-style-type: none"> • Prepare ingredients hygienically using appropriate utensils • Follow a recipe • Assemble or cook ingredients • Cut materials accurately and safely by selecting appropriate tools.

None Negotiables – Design



		<ul style="list-style-type: none"> • Measure and mark out to the nearest millimetre. • Cut materials accurately and safely by selecting appropriate tools. • Measure and mark out to the nearest millimetre. • Construction - Use materials to practise gluing, cutting tying to create tools and shelters.
<p>Year 5</p>		<ul style="list-style-type: none"> • Evaluate the design of products so as to suggest improvements to the user experience • Understand the importance of correct storage and handling of ingredients (using knowledge of micro organisms) • Measure accurately and calculate ratios of ingredients to scale up and down from a recipe • Demonstrate range of baking and cooking techniques • Create and refine recipes, including ingredients, methods, cooking times and temperatures. • Create objects (such as cushions) that employ a seam allowance • Join textiles with a combination of stitching techniques (such as back stitch for seams and running stitch to attach decorations). • Use qualities of materials to create suitable visual and tactile effects in the decoration of textiles (such as a soft decoration for comfort on a cushion). • Evaluate the design of products so as to suggest improvements to the user experience • Convert rotary motion to linear using cams • Use innovative combinations of electronics (or computing) and mechanics in product design • Evaluate the design of products so as to suggest improvements to the user experience
<p>Year 6</p>		<ul style="list-style-type: none"> • Evaluate the design of products so as to suggest improvements to the user experience • Understand the importance of correct storage and handling of ingredients (using knowledge of micro organisms) • Measure accurately and calculate ratios of ingredients to scale up or down from a recipe • Demonstrate a range of baking and cooking techniques • Create and refine recipes, including ingredients, methods, cooking times and temperatures.