

**SUBJECT:** DESIGN  
TECHNOLOGY

**HOD:** MR J. LOCKWOOD

	<b>UNIT TITLES</b>	<b>LEARNING OBJECTIVES</b>	<b>ASSESSMENT ASSIGNMENTS</b>
<b>FOOD</b>	<b>Personal Hygiene and Safety</b>  <b>Healthy Eating</b>  <b>Licence to Cook</b>  <b>Multicultural Food</b>  <b>Packaging</b>	<ul style="list-style-type: none"> <li>To be able to use basic food preparation knowledge to produce two different sauces</li> <li>Understanding how you can substitute different ingredients in a recipe</li> <li>Understanding origins of different ingredients</li> <li>Understanding about healthy eating using the eat well plate</li> <li>To be able to know the different stable foods around the world</li> <li>To be able to recognize specific information on food packaging</li> </ul>	<ul style="list-style-type: none"> <li>Six practical assessments of key making skills</li> <li>Completion of license to cook program and receive a 'Licence to Cook' certificate</li> </ul>
<b>GRAPHICS</b>	<b>Presentation Drawings</b>  <b>Childrens books</b>	<ul style="list-style-type: none"> <li>Understanding of shading and rendering</li> <li>Understanding of orthographic projection</li> <li>Understanding of free hand sketching</li> <li>Understanding of sequential drawings</li> </ul>	<ul style="list-style-type: none"> <li>Rendering and shading of camera.</li> <li>Orthographic drawing of ketchup bottle.</li> <li>Free hand sketching of still life object.</li> <li>Production of sequential diagrams</li> </ul>
<b>RESISTANT MATERIALS</b>	<b>Design and Make a Pull Along Toy</b>	<ul style="list-style-type: none"> <li>Understanding of template making and prototypes</li> <li>Understanding of simple mechanisms</li> <li>Use of fret saw and drilling machines</li> </ul>	<ul style="list-style-type: none"> <li>Production of a prototype model.</li> <li>Making a can mechanism to produce movement.</li> <li>Safe use of and identification of manufacturing stages.</li> </ul>
<b>TEXTILES</b>	<b>Design and Make an Appliqué Cushion</b>	<p>To learn how to do:</p> <ul style="list-style-type: none"> <li>Appliqué</li> <li>Make a suitable paper pattern</li> <li>Make effective drawings and designs</li> </ul>	<ul style="list-style-type: none"> <li>Research topic.</li> <li>Design &amp; model items.</li> <li>Practical work, e.g. stitching.</li> <li>Completed product to be assessed.</li> </ul>