

# Subject Curriculum

## Curriculum Overview

	Fashion & Textiles	Graphic Products	Hospitality	Product Design
Yr 7	Monsters	Pop Art Superhero	Healthy Eating	Educational Toy
Yr 8	Containers	Activity Pack	International Foods	Birdhouse
Yr 9	Sustainable Fashion	Festivals	Nutrition	CAD CAM

GCSE Design and Technology						
Year	HT1	HT2	HT3	HT4	HT5	HT6
Year 10	<b>Technical principles</b>	<b>Technical principles</b>	<b>Technical principles</b>	<b>Technical principles</b>	<b>Technical principles</b>	<b>Designing and making principles</b>
	<ul style="list-style-type: none"> <li>Paper &amp; Board</li> <li>Natural Timber &amp; Manufactured Board</li> <li>Metals</li> <li>Plastics</li> </ul>	<ul style="list-style-type: none"> <li>Sustainability</li> <li>Composites</li> <li>Technical Textiles</li> <li>Fibres &amp; Textiles</li> </ul>	<ul style="list-style-type: none"> <li>Production Methods</li> <li>CAD CAM</li> </ul>	<ul style="list-style-type: none"> <li>Product Evolution</li> <li>Product Life Cycle</li> <li>Product Legislation</li> </ul>	<ul style="list-style-type: none"> <li>Types of Energy</li> <li>Mechanisms</li> <li>Programmable Microcontrollers</li> </ul>	<ul style="list-style-type: none"> <li>Investigating the design contexts</li> <li>Identify the needs and wants of the end user.</li> <li>Explore and investigate existing products, situations before deciding upon whether there is a real need for a product.</li> </ul>
	<b>MINI NEA</b>	<b>MINI NEA</b>	<b>MINI NEA</b>	<b>MINI NEA</b>	<b>MINI NEA</b>	
	<ul style="list-style-type: none"> <li>Graphic Products – Activity Pack</li> </ul>	<ul style="list-style-type: none"> <li>Fashion &amp; Textiles - Sustainable Fashion</li> </ul>	<ul style="list-style-type: none"> <li>Investigate and analyse the work of past and present professionals</li> </ul>	<ul style="list-style-type: none"> <li>Formal and informal 2D &amp; 3D drawings</li> </ul>	<ul style="list-style-type: none"> <li>Working with tools &amp; equipment to produce an outcome</li> </ul>	
<b>Technical principles</b>	<b>Technical principles</b>	<b>Technical principles</b>	<b>Technical principles</b>	<b>Technical principles</b>		
Year 11	<ul style="list-style-type: none"> <li>CAD CAM</li> <li>Sustainability</li> <li>Product Evolution</li> <li>Product Life Cycle</li> <li>Product Legislation</li> </ul>	<ul style="list-style-type: none"> <li>Types of Energy</li> <li>Mechanisms</li> <li>Programmable Microcontrollers</li> </ul>	<ul style="list-style-type: none"> <li>Natural Timber</li> <li>Manufactured Board</li> <li>Metals</li> <li>Plastics</li> <li>Smart Materials</li> </ul>	<ul style="list-style-type: none"> <li>Composites</li> <li>Technical Textiles</li> <li>Fibres &amp; Textiles</li> <li>Paper &amp; Board</li> </ul>	REVISION & RECAP for External examination	
	<b>Designing and making principles</b>	<b>Designing and making principles</b>	<b>Designing and making principles</b>			
	NEA	NEA	NEA			