

# CurriculumPRO [D&T]

	<p>Y4 D&amp;T</p> <p>Fresh Food, Good ...</p>	<p>Y4 A&amp;D</p> <p>Warp and Weft</p>	<p>Y4 D&amp;T</p> <p>Functional and Fa...</p>	<p>Y4 Science</p> <p>Electrical Circuits ...</p>	<p>Y4 D&amp;T</p> <p>Tomb Builders ...</p>
<p>Compare and contrast</p>			<p>appearance colour</p> <p>compare component</p> <p>different embellishment</p> <p>function material</p> <p>pattern property</p> <p>purpose quality similar</p> <p>size</p>	<p>compare electrical product</p> <p>manual product purpose</p> <p>usability</p>	
<p>Cutting and joining textiles</p>			<p>fraying hem</p> <p>pinking shears</p> <p>running stitch sew</p>		
<p>Decorating and embellishing textiles</p>			<p>block printing diamond</p> <p>pattern structure trellis</p> <p>wey</p>		

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Electricity				<ul style="list-style-type: none"> <li>cell</li> <li>circuit</li> <li>coding</li> <li>complete circuit</li> <li>component</li> <li>electricity</li> <li>incomplete circuit</li> <li>lamp</li> <li>LED</li> <li>light-emitting diode</li> <li>micro:bit</li> <li>program</li> <li>programming</li> <li>push-to-break switch</li> <li>push-to-make switch</li> <li>reed switch</li> <li>rocker switch</li> <li>series circuit</li> <li>toggle switch</li> <li>wire</li> </ul>	
Evaluation	<ul style="list-style-type: none"> <li>evaluation</li> <li>fulfil design criteria</li> <li>improve</li> <li>success</li> </ul>		<ul style="list-style-type: none"> <li>appearance</li> <li>attractive</li> <li>design criteria</li> <li>evaluation</li> <li>improvement</li> <li>purpose</li> <li>review</li> <li>success</li> </ul>	<ul style="list-style-type: none"> <li>evaluation</li> <li>feedback</li> <li>finish</li> <li>improvement</li> <li>modification</li> </ul>	<ul style="list-style-type: none"> <li>change</li> <li>evaluate</li> <li>evaluation</li> <li>improve</li> <li>success</li> </ul>
Everyday products	<ul style="list-style-type: none"> <li>bag</li> <li>bottle</li> <li>box</li> <li>can</li> <li>carton</li> <li>cling film</li> <li>compostable</li> <li>food packaging</li> <li>jar</li> <li>recyclable</li> <li>recycle</li> <li>reuse</li> <li>Tetra Pak</li> <li>Tupperware</li> </ul>		<ul style="list-style-type: none"> <li>home furnishing</li> <li>home product</li> </ul>	<ul style="list-style-type: none"> <li>design feature</li> <li>nightlight</li> <li>programmable</li> <li>programmable device</li> <li>sensor</li> <li>switch</li> </ul>	<ul style="list-style-type: none"> <li>compound machine</li> <li>device</li> <li>simple machine</li> </ul>

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<p>Food preparation and cooking</p>	<p>bake   blender   chop   chopping board</p> <p>cool   crush   cut   garlic press   grate</p> <p>heat   knife   mash   masher   mix</p> <p>pastry brush   peel   slice   spread   tear</p> <p>wash</p>				
<p>Generation of ideas</p>	<p>build   deconstruct   net   reconstruct</p> <p>sketch</p>		<p>annotate   design criteria</p> <p>plan   sketch</p>	<p>annotated sketch   design criteria</p> <p>exploded diagram</p>	<p>annotated sketch</p> <p>labelled diagram</p> <p>prototype</p>
<p>Materials for purpose</p>	<p>card   cardboard   cling film   glass   paper</p> <p>plastic   Polystyrene   tin   tin foil</p>	<p>appearance</p> <p>colour</p> <p>elasticity</p> <p>material</p> <p>natural</p> <p>pattern</p> <p>shape</p> <p>synthetic</p> <p>textile</p> <p>texture</p> <p>yarn</p>	<p>comfortable   delicate</p> <p>durable   fabric</p> <p>flexibility   flexible</p> <p>lightweight   man-made</p> <p>material   natural</p> <p>property   soft   strength</p> <p>stretchy   strong</p> <p>synthetic   textile</p> <p>texture   tough   use</p> <p>versatile   waterproof</p>	<p>conductive   material</p> <p>non-conductive   purpose</p>	<p>characteristic</p> <p>material   property</p> <p>rigid   smooth</p> <p>strength</p>

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<p>Mechanisms and movement</p>					<p>axle</p> <p>compound machine</p> <p>effort first class</p> <p>force fulcrum</p> <p>inclined plane</p> <p>lever load</p> <p>pulley screw</p> <p>second class</p> <p>simple machine</p> <p>third class wedge</p> <p>wheel</p>
<p>Nutrition</p>	<p>fresh healthy snack</p>				
<p>Significant people</p>	<p>best before canning Dr Ruben Rausing</p> <p>drying Earl Tupper freezing</p> <p>Gerald Thomas Henry D Thatcher</p> <p>Jacob Perkins Kruger Brewing Company</p> <p>Louis Pasteur Nicolas Appert pasteurisation</p> <p>Peter Durand pickling Ralph Wiley</p> <p>refrigeration salting saran wrap Tetra Pak</p> <p>Tupperware TV dinners use by</p> <p>William Cullen William Kellogg</p>	<p>loom</p> <p>weaver</p> <p>weaving</p>	<p>Arts and Crafts movement</p> <p>Morris &amp; Co</p> <p>textile designer</p> <p>William Morris</p>		

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Structures	<p>cone cube cuboid hexagonal prism net</p> <p>packaging prototype triangular prism</p>				
Use of ICT				<p>coding micro:bit program</p> <p>programming</p>	

