

Design and Technology Landmark 2

SPTO Statements	Food (compulsory)	Textiles (Further Opportunities)	Construction (Further Opportunities)	To design, make, evaluate and improve (compulsory)	To take inspiration from design throughout history (Further Opportunities)
Design <ul style="list-style-type: none"> • generate develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology. • design purposeful, functional, appealing products for themselves and other users based on design criteria. 	<p>I can cut, peel or grate ingredients safely and hygienically.</p> <p>I can measure or weigh using measuring cups or electronic scales.</p> <p>I can assemble or cook ingredients.</p> <p>design purposeful, functional, appealing products for themselves and other users based on design criteria</p>	<p>I can shape textiles using templates.</p> <p>I can join textiles using running stitch.</p> <p>I can colour and decorate textiles using a number of techniques (such as dyeing, adding sequins or printing).</p>	<p>I can build structures, exploring how they can be made stronger, stiffer and more stable.</p>	<p>I can design products that have a clear purpose and an intended user.</p> <p>I can make products, refining the design as work progresses.</p> <p>I can use software to design.</p>	<p>I can explore objects and designs to identify likes and dislikes of the designs.</p> <p>I can suggest improvements to existing designs.</p> <p>I can explore how products have been created.</p>
Make <ul style="list-style-type: none"> • select from and use a range of tools and equipment to perform practical tasks. • select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics. 					
Evaluate <ul style="list-style-type: none"> • explore and evaluate a range of existing products. • evaluate their ideas and products against design criteria. 					
Technical knowledge <ul style="list-style-type: none"> • build structures, exploring how they can be made stronger, stiffer and more stable. • explore and use mechanisms in their products. 					
Cooking and nutrition <ul style="list-style-type: none"> • use the basic principles of a healthy and varied diet to prepare dishes. • understand where food comes from. 					