






Year 4 Key Concepts

Design 	Make 	Evaluate 	Technical Knowledge 	Cooking and nutrition 
<p>I can gather information about the needs and wants of particular individuals and groups</p> <p>I can use annotated sketches and cross-sectional drawings to develop and communicate my ideas</p> <p>I can make design decisions that take account of the availability of resources</p> <p>I can develop my own design criteria and use these to inform my ideas</p>	<p>I can explain my choice of materials and components according to functional properties and aesthetic qualities</p> <p>I can apply a range of finishing techniques, including those from art and design, with some accuracy</p>	<p>I consider the views of others, including intended users, to improve my work</p> <p>I can investigate and analyse how well products meet user needs and wants</p> <p>I can investigate and analyse who designed and made the products</p> <p>I can investigate and analyse where and when products were designed and made</p> <p>I can investigate and analyse why materials have been chosen</p> <p>I can investigate and analyse whether products can be recycled or reused</p> <p>I know about inventors, designers, engineers, chefs and manufacturers who have developed ground-breaking products</p>	<p>I know that materials can be combined and mixed to create more useful characteristics</p> <p>I know how to use learning from science to help design and make products that work</p> <p>I know that mechanical and electrical systems have an input, process and output</p> <p>I know how simple electrical circuits and components can be used to create functional products</p> <p>I know the correct technical vocabulary for the projects they are undertaking</p>	<p>I can demonstrate how to use a range of techniques such as peeling, chopping, slicing, grating, mixing, spreading, kneading and baking</p> <p>I know that a healthy diet is made up from a variety and balance of different food and drink, as depicted in The Eatwell plate</p> <p>I know that to be active and healthy, food and drink are needed to provide energy for the body</p>