




Christ Church CE Primary School
Design and Technology Assessment

Achieving excellence, opening minds, inspiring dreams, creating futures

Key Stage 1 Y3 - Spring 2	British Inventors	
Unit	Core Curriculum content: KS2 - use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. KS2 - generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design. KS2 - understand how key events and individuals in design and technology have helped shape the world. KS2 - apply their understanding of how to strengthen, stiffen and reinforce more complex structures.	
Knowledge and understanding is	Expected <ul style="list-style-type: none"> • Children can identify ways in which the telephone has changed to meet people's needs. • Children can reflect on how an invention has changed the world. • Children can describe what reinforced concrete is. • Children can think of a design criteria to suit a purpose. • Children can reflect on how inventions have changed the world. 	
Pupils		
Knowledge and understanding is	Working Towards  <ul style="list-style-type: none"> • Children can reflect on how the invention of the telephone changed the way people lived. • Children can reflect on how an invention has changed their lives. • Children can describe what reinforced means. • Children can pick of features of a material that will make it suitable for a purpose. • Children can name a British inventor and their creation. 	Greater Depth  <ul style="list-style-type: none"> • Children can evaluate a product's performance. • Children can distinguish between the World Wide Web and the internet. • Children can suggest ways to reinforce a material. • Children can evaluate the success of a product based on a set of design criteria. • Children can design a new creation intended to solve an everyday problem.
Pupils		



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	<p><i>Pupils with additional needs have made the following responses</i></p>
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