

Developing, Planning and Communicating Ideas	Working with Tools, Equipment, Materials and Components to Make Products	Evaluating Processes and Products
- Can they create a final design for their product based on initial ideas and revisions based on existing ideas? - Can they create a detailed plan considering their target audience, design criteria and intended purpose?	- Can they use equipment and tools with increased accuracy and safely? - Can they select the most effective materials, tools and techniques to use? - Can they manipulate materials effectively using a range of tools and equipment? - Can they measure, cut and assemble accurately?	- Can they think about their ideas as they progress and make changes to improve their work? - Can they assess how well their product works in relation to the design criteria and intended purpose? - Can they explain how they could improve their design and how their improvements would affect the original outcome?
Electrical and Mechanical Components	Construction and Use of Materials	Textiles
- Can they use a simple circuit and add components to it? - Can they make a product which uses both electrical and mechanical components?	- Can they measure accurately to build effective structures? - Can they use a range of techniques to shape and mould? - Can they experiment with a range of techniques to increase stability in a structure? - Can they use finishing techniques, showing an awareness of audience? E.g., sanding	- Can they consider which materials are fit for purpose and join them appropriately? - Can they devise a template or pattern for their product? - Can they explore a range of textures using textiles? - Can they transfer a drawing into a textile design? - Can they use artist to influence their textile designs?

Greater Depth

- Can child offer creative response to the problem and think deeply and critically about other products and also about their own product?
- Can child follow a design brief and actively and accurately consider the end user's needs and preferences throughout the process?
- Does the child display high quality presentation and precision in their design and make?