

Developing, Planning and Communicating Ideas	Working with Tools, Equipment, Materials and Components to Make Products	Evaluating Processes and Products
- Can they generate ideas through comparing existing products? - Can they create an innovative product? - Can they choose the most appropriate tools and materials and explain their choices? - Can they describe their design by using pictures, diagrams and words?	- Can they join materials/components together in different ways? - Can they measure materials to use in a model or structure? - Can they use joining, folding or rolling to make it stronger?	- Can they assess how well their product works? - If they did it again, can they explain what they would improve?
Mechanisms	Construction and Use of Materials	Textiles
- Can they join materials together as part of a moving product? - Can they explain how different parts move?	- Can they make sensible choices of which materials to use for their construction? - Can they make their structure stronger, stiffer or more stable?	- Can they measure an amount of a textile? - Can they join textiles together to make a product using techniques such as stitching? - Can they cut textiles accurately? - Can they explain why they chose a certain textile? - Can they bond fabrics together? - Can they build an image using fabrics? - Can they create a large-scale textile or sculpture piece through class collaboration?

Greater Depth

- Can children design and develop their own ideas through selecting and using the most appropriate tools and materials?
- Can children show initiative and independence in finding support when they need help or information?
- Can they present the plans they have made to carry out activities and what evaluate the strengths and weaknesses of their design?