

Developing, Planning and Communicating Ideas	Working with Tools, Equipment, Materials and Components to Make Products	Evaluating Processes and Products
- Can they survey their target audience and use this to generate ideas? - Can they take a user's view into account when designing? - Can they produce a detailed step-by-step plan for their design method? - Can they suggest some alternative designs and compare the benefits and drawbacks to inform the design process and outcome?	- Can they choose appropriate tools and materials to ensure that the final product will appeal to the audience? - Can they use a range of tools and equipment with good accuracy and effectiveness, within established safety parameters?	- Can they continuously check that their design is effective and fit for purpose? - Can they assess how well their product works in relation to the design criteria and intended purpose and suggest improvements? - Can they evaluate appearance and function against the original design criteria?
Mechanical Components	Construction and Use of Materials	Textiles
- Can they refine their product after testing it? - Can they incorporate hydraulics and pneumatics?	- Are their measurements accurate enough to ensure precision? - Can they demonstrate that their product is strong and fit for purpose? - Are they motivated to refine and further improve their product?	- Can they consider the audience when choosing textiles? - Can they make up a prototype first? - Can they use a range of joining techniques? - 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 experiment with different ways of exploring textiles? - Can they use artists to influence their textile designs?

Greater Depth

- Can they follow a well thought out design brief and have accurately researched the end user's needs and preferences throughout the process?
- Can they evaluate critically other products and use this information to amend their own?
- Do they use a high quality and variety of presentation and precision in their design and make?