|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Stiff and Flexible Materials** | **Textiles** | **Design Skills** | | |
| * Can they justify why they selected specific materials? * How have they ensured that their work is precise and accurate? * Can they hide joints so as to improve the look of their product? | * Have they given considered thought about what would improve their product even more? * Can they make up a prototype first? * Can they use a range of joining techniques? * Have they thought about how to make their product strong? | Developing, planning and communicating ideas | Working with tools, equipment, materials and components to make quality products | Evaluating processes and products |
| * Can they use a range of information to inform their design? * Can they use research to inform plans? * Can they work within constraints? * Can they follow and refine their plan if necessary? * Can they justify their plan to someone else? | * Can they use tools and materials precisely? * Do they change the way they are working if needed? | * How well do they test and evaluate their final product? * Is it fit for purpose? * What would improve it? * Would different resources have improved their product? * Would they need more or different information to make it even better? * Does their product meet all design criteria? * Did they consider the use of the product when selecting materials? |