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| **Stiff and Flexible Materials** | **Electrical and Mechanical** | **Design Skills** |
| * Can they measure carefully so as to make sure they have not made mistakes?
* How have they attempted to make their product strong?
 | * Can they add things to their circuits? E.g. motors
* How have they altered their product after checking it?
* Are they confident about trying out new and different ideas?
 | Developing, planning and communicating ideas | Working with tools, equipment, materials and components to make quality products | Evaluating processes and products |
| * Can they come up with at least one idea about how to create their product?
* Can they produce a plan and explain it to others?
* Can they suggest some improvements and say what was good and not so good about their original design?
 | * Can they tell if their finished product is going to be good quality?
* Are they conscious of the need to produce something that will be liked by others?
* Can they show a good level of expertise when using a range of tools and equipment?
* Do they work at their product even though their original idea might not have worked?
 | * Have they thought of how they will check if their design is successful?
* Can they begin to explain how they can improve their original design?
* Can they evaluate their product, thinking of both appearance and the way it works?
* Do they take time to consider how they could have made their idea better?
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