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|  **Year 5 – Design and Technology – Textiles**  |
| What should I already know? | What am I going to learn in this unit? | Vocabulary I need to know |
| (Year 4 Textiles)* I know what is needed to make an electrical circuit.
* I know explain what a LED is.
* I know that a battery contains stored electricity and can be used to power products.
* I know that breaks in a circuit will stop it from working.
* I can create a working LED circuit using pressure as a switch.
* I can thread needles independently.
* I can use a running stitch and a backstitch accurately.
* I can produce a product plan for a purpose.
* I can persevere and adapt work when original ideas do not work.
* I know which materials are likely to give the best outcome.
* I can evaluate a product for both appearance and purpose.
 | * I can explain what a design brief is and create a plan that meets it.
* I can give different examples of fastenings and explain which ones are the best for certain products.
* I can create pattern pieces that can be used to create multiple identical products.
* I can measure, mark and cut fabric accurately and in a way that minimises wastage.
* I can use a range of stitches (running, backstitch and blanket) and select the right stitch for a purpose.
* I can stitch pieces of material together ensuring there are no holes and that the stitches are strong enough to hold a product inside.
* I can use applique to attach pieces of fabric for decoration.
* I can add a fastening that works.
* I can assess and evaluate my product for its functionality and marketability.
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| Product  | The final piece of what you are making. E.g. your bag |
| Fastening  | A popper, zip or button that is used to join two pieces of material together that can then be undone.  |
| Functionality  | Whether a product does what it is supposed to do and whether it works.  |
| Threading | When you put the thread through the eye of the needle so you can sew with it.  |
| AppliqueApplique Techniques - The Sewing Directory  | Needlework in which pieces or patches of fabric in different shapes and patterns are sewn or stuck onto a larger piece to form a picture or pattern. |
| Marketability  | Whether something is likely to sell and whether people will want to buy it. |
|  Blanket stitch |  |

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