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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. | |  |  | | --- | --- | | 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. | | Applique  Applique 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 |  | |