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| **Year 4 – Design and Technology – Textiles** | | |
| What should I already know? | What am I going to learn in this unit? | Vocabulary I need to know |
| * I can use different techniques to cut and join paper and card. * I can explain the properties of different 2D and 3D shapes. * I can investigate and evaluate a range of different shell products. * I can generate ideas to create a product that meets set criteria. * I can analyse existing products for their effectiveness. * I can create a design using annotated sketches on Microsoft Word to communicate my ideas. * I can order the steps to make my product. * I can use appropriate tools to measure, mark, cut, score and assemble my product. * I can use Microsoft Word to create finishing products for my design. * I can test and evaluate my product based on the design criteria. | * 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. | |  |  | | --- | --- | | Product | The final piece of what you are making. E.g. your decoration | | LED | Light Emitting Diode | | Pressure Circuit | A box that contains an electrical circuit that becomes complete when you press down. | | Threading | When you put the thread through the eye of the needle so you can sew with it. | | Materials | The different things you use to create the product e.g. felt | |  | | |  |  | |