

| <u>Year Group: 5</u>                                                                                                                                                                                                                                                                                             |                                              | <u>DT</u>                                                                                                                                                                           | <u>Term: Autumn 2</u>                                                                                                                                                                                                                                                                           | <u>Main Focus: Textiles</u> |
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| <b><u>Rationale For Topic</u></b><br><br>Children will make a mobile phone carrier. Children have a keen interest in technology and have mobile devices themselves or have family members that do. As this is taking place in Autumn 2, children will have a finished product to take home for a Christmas gift. |                                              |                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                 |                             |
| <u>Lesson Number</u>                                                                                                                                                                                                                                                                                             | <u>Learning Objective (s):</u>               | <u>Success Criteria:</u>                                                                                                                                                            | <u>Brief outline / reasoning for sequence</u>                                                                                                                                                                                                                                                   |                             |
| 1                                                                                                                                                                                                                                                                                                                | LO: To gather ideas about a product.         | Children will identify key features of phone cases.<br>Children will discuss materials and their purpose.<br>Children will consider the intended user and how it meets their needs. | Children research mobile phone holders and discuss the key features of these and the intended users. Children annotate product examples and note their own ideas for their future design. This will ensure that children are aware that products vary in design while having the same purpose.  |                             |
| 2                                                                                                                                                                                                                                                                                                                | LO: To produce a detailed step by step plan. | Children will produce a clear plan.<br>The steps will be logical and chronological.<br>Children will improve their plan after discussion.                                           | Children will choose a 'user' for their product and plan a design based upon this users' needs. Children will discuss and consider how this will be created and put together a step by step plan to show how this will be made in future lessons.                                               |                             |
| 3                                                                                                                                                                                                                                                                                                                | LO: To use a range of joining techniques.    | Children will use simple stitches<br>Children will use glue to join seams                                                                                                           | In this lesson, children will explore a range of joining techniques to evaluate which are the strongest/most useful for seams. Children will try blanket stitch, straight stitch, cross stitch and running stitch. Children will also try gluing a seam and will compare these joining methods. |                             |

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| 4 | LO: To use a range of tools and equipment effectively.                 | <p>Children are able to thread a needle.</p> <p>Children are able to use scissors accurately.</p> <p>Children can explain the health and safety requirements when using tools and equipment.</p> | Children will begin the making process, creating a pattern using careful measurements. They will cut the material to make the case and begin to sew this together. Children will be taught about the importance of accuracy when creating a template/pattern and will have safety rules explained in detail. |
| 5 | LO: To persevere through the making process.                           | <p>Children are able to correct mistakes made.</p> <p>Children complete the finished product.</p>                                                                                                | Children will complete their mobile phone case (with support where this is needed)                                                                                                                                                                                                                           |
| 6 | LO: To evaluate appearance and function against the original criteria. | <p>Children can explain what they like about their product.</p> <p>Children can discuss ways this could be improved.</p> <p>Children can compare their plan to their finished product.</p>       | Children will look at their original plan and their finished product and discuss, with peers, what they like and dislike about their mobile phone case and how it matches the original criteria. Children will be encouraged to explain what changes were made during the making process and why.            |