



Year 5 – Spring – DT – Pupil Knowledge Organiser



What do I already know?	What am I learning now?																									
<ul style="list-style-type: none"> Different fabrics are used for different purposes. Running stitch, over sewing, and blanket stitch are ways of joining fabric. Cutting fabric with small, controlled cuts is vital for precision in textile work. Seam allowance provides space near the edge of fabric for secure stitching. Decorative techniques are important for making textiles appealing. 	<ol style="list-style-type: none"> Which stitches are decorative and which are functional? What are different embellishments techniques? Can we apply our learning to a cushion design? How do we use templates/patterns? How do we bring our design to life? How well does our product meet our design criteria? 																									
Key Knowledge: Textiles	Design, Make, Evaluate	Key Vocabulary																								
<div> <p>Examples of decorative stitches include satin stitches, and lazy daisy stitches.</p> </div> <div> <p>It is good practice to apply embellishments to each piece of fabric before final construction.</p> </div> <div> <p>Functional stitches include running stitches and blanket stitches.</p> </div> <div> <p>Tacking hold pieces together before permanent stitching.</p> </div> <div> <p>Patterns/templates should be pinned onto fabric to ensure that they do not move during cutting.</p> </div> <div> <p>Eyelets create small holes in fabric to thread through ribbon or lace.</p> </div> <div> <p>Seam allowances must be included to ensure the final product is the correct size.</p> </div> <div> <p>Toggles adds a playful element.</p> </div>	<p>In Design and Technology, we follow a process:</p> <div> <p>design</p> <p>Develop a design specification based on in-depth research.</p> </div> <div> <p>make</p> <p>Accurately assemble, join and combine materials and components.</p> </div> <div> <p>evaluate</p> <p>Learn from existing products.</p> </div> <p>Critically assess the success of a product, based on the design specification and the views of others.</p>	<table border="1"> <tr> <td>decorative</td> <td>Something that is added to a product to make it look more appealing.</td> </tr> <tr> <td>functional</td> <td>Something that has a specific purpose on a product.</td> </tr> <tr> <td>embellishment</td> <td>Decorative details that enhance the appearance of something.</td> </tr> <tr> <td>eyelet</td> <td>A small hole used for decoration or for threading cords/laces through.</td> </tr> <tr> <td>toggle</td> <td>A small fastening consisting of a loop and a bar, used to hold things together.</td> </tr> <tr> <td>applique</td> <td>Sewing or gluing smaller pieces of fabric onto a larger piece.</td> </tr> <tr> <td>embroidery</td> <td>Creating decorative designs or patterns on fabric with needle and thread.</td> </tr> <tr> <td>exploded diagram</td> <td>Showing how parts of something fit together by drawing them separately.</td> </tr> <tr> <td>template/pattern</td> <td>A guide or stencil used for cutting fabric to a specific shape or size.</td> </tr> <tr> <td>tacking</td> <td>Large stitches to hold pieces of fabric together temporarily.</td> </tr> <tr> <td>seam allowance</td> <td>Extra fabric allowed for joining together.</td> </tr> <tr> <td>prototype</td> <td>A first version used to test a design or idea before making the final product.</td> </tr> </table>	decorative	Something that is added to a product to make it look more appealing.	functional	Something that has a specific purpose on a product.	embellishment	Decorative details that enhance the appearance of something.	eyelet	A small hole used for decoration or for threading cords/laces through.	toggle	A small fastening consisting of a loop and a bar, used to hold things together.	applique	Sewing or gluing smaller pieces of fabric onto a larger piece.	embroidery	Creating decorative designs or patterns on fabric with needle and thread.	exploded diagram	Showing how parts of something fit together by drawing them separately.	template/pattern	A guide or stencil used for cutting fabric to a specific shape or size.	tacking	Large stitches to hold pieces of fabric together temporarily.	seam allowance	Extra fabric allowed for joining together.	prototype	A first version used to test a design or idea before making the final product.
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