


### What your child will learn in this 9 week rotation

This overview shows the key topics, skills, and knowledge your child will be learning in **Technology Textiles in Year 7**. It helps families understand what's being taught, how it builds on previous learning, and how you can support your child at home.

- **What we are learning:** The topic or focus for the half term.
- **Key knowledge & skills:** What students should understand and be able to do.
- **How we assess learning:** knowledge checks, practical tasks, written responses and formal assessments.
- **Key words to know:** Vocabulary students will learn and use.

Half term	What we are learning	Key knowledge	Key skills	How we will assess learning in this unit	Homework	Key vocabulary for this unit		
Rotation 9 Weeks	<b>Design</b> - Identify and solve their own design problems and understand how to reformulate problems given to them. Use a variety of approaches [for example, biomimicry and user-centred design], to generate creative ideas and avoid stereotypical responses. Develop and communicate design ideas using annotated sketches, detailed plans, <b>Make</b> - Select from and use specialist tools, techniques, processes, and equipment to make a pencil case <b>Evaluate</b> - Test, evaluate and refine their ideas and products against a specification, taking into account the views of intended users and other interested groups. Understand and use the properties of materials and the performance of structural elements to achieve functioning solutions.	Students will practice their understand how to complete a range of basic stitches, including, running stitch, back stitch, applique & button attachment Students will develop a design to fulfil the specification of making a jelly Cat, 'Plushy' /Teddy. Students will understand how to effectively use a range of tools (sewing needle, a range of threads, buttons, scissors, felt)	<b>1. Threading a Needle and Tying a Knot</b> <ul style="list-style-type: none"><li>• Understanding how to select appropriate thread and needle</li><li>• Tying secure knots to start and finish stitching</li></ul> <b>2. Basic Hand Stitches</b> <ul style="list-style-type: none"><li>• <b>Running Stitch</b> – Simple straight stitch for seams or decoration</li><li>• <b>Backstitch</b> – Stronger stitch for outlining or seams</li><li>• <b>Button</b></li><li>• <b>Applique</b></li></ul> <b>3. Fabric Handling</b> <ul style="list-style-type: none"><li>• Holding fabric taut (with or without a hoop)</li><li>• Working neatly and safely</li><li>• Awareness of stitch tension</li></ul>	Knowledge check on....  Knowledge checks throughout each lesson  Sampler Assessment 1 of practical Skills of sewing skills  Jelly Cat (Plushie) Practical Assessment on Wk. 8 of the rotation	<b>Create a Mini Mood Board</b> – collect images and bring into the lesson	<b>Needle</b>   <b>Thread</b>   <b>Fabric</b>  <b>Scissors</b>  <b>Knot</b>  <b>Thimble</b>		
						 <b>Types of Stitches</b> <table><tr><th>Term</th><th>Definition</th></tr><tr><td><b>Running stitch</b></td><td>A simple, dashed stitch that goes in and out of the fabric.</td></tr><tr><td><b>Backstitch</b></td><td>A strong stitch that overlaps slightly to form a solid line.</td></tr></table>	Term	Definition
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			<b>Design Skills (Creative &amp; Planning)</b>  These help students personalize their sampler and think about visual elements:  <b>1. Designing a Stitch Sampler Layout</b>					

			<ul style="list-style-type: none"><li>• Planning where each stitch will go on the fabric</li><li>• Drawing or sketching the layout on paper beforehand</li></ul> <p>2. Colour Selection</p> <ul style="list-style-type: none"><li>• Choosing threads based on colour theory or personal preference</li><li>• Creating contrast between fabric and thread</li></ul> <p>3. Visual Presentation</p> <ul style="list-style-type: none"><li>• Spacing and aligning stitches evenly</li><li>• Using embroidery to form patterns, borders</li></ul> <p>Additional Skills Developed</p> <ul style="list-style-type: none"><li>• <b>Patience and fine motor skills</b></li><li>• <b>Following visual or written instructions</b></li><li>• <b>Using basic tools safely</b> (needles, scissors, embroidery hoops)</li><li>• <b>Evaluating and reflecting</b> on their work for improvements</li></ul>			<p><b>Applique</b></p> <p>Decorative technique where a piece of fabric are attached to a large piece of fabric to create design detail</p>														
						<p><b>Design &amp; Visual Vocabulary</b></p> <table><tr><th>Term</th><th>Definition</th></tr><tr><td><b>Design</b></td><td>A plan or sketch showing how something will look or be made.</td></tr><tr><td><b>Pattern</b></td><td>A repeated decorative design.</td></tr><tr><td><b>Layout</b></td><td>The arrangement of design elements on fabric.</td></tr><tr><td><b>Symmetry</b></td><td>Balanced and equal design on both sides.</td></tr><tr><td><b>Contrast</b></td><td>Difference in color, texture, or size to make elements stand out.</td></tr><tr><td><b>Outline</b></td><td>The outer line or shape of a design.</td></tr></table>	Term	Definition	<b>Design</b>	A plan or sketch showing how something will look or be made.	<b>Pattern</b>	A repeated decorative design.	<b>Layout</b>	The arrangement of design elements on fabric.	<b>Symmetry</b>	Balanced and equal design on both sides.	<b>Contrast</b>	Difference in color, texture, or size to make elements stand out.	<b>Outline</b>	The outer line or shape of a design.
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