



## St Mary's CE High School Curriculum Map 2023-4

### YEAR 9 TEXTILES

Design and Technology is an inspiring, rigorous and practical subject. Technology encourages students to learn to think innovatively to solve problems both as individuals and as members of a team. At SMHS, we encourage students to use their creativity and imagination, to design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. We aim to, wherever possible, link work to other disciplines such as mathematics, science, engineering, computing and art. The students are also given opportunities to reflect upon and evaluate past and present design technology, its uses and its effectiveness and are encouraged to become innovators and risk-takers.

	Autumn 1a	Autumn 1b	Spring 2a	Spring 2b	Summer 3a	Summer 3b
<b>CONTENT</b>  <i>Declarative / core / powerful Knowledge – 'Know What'</i>	<b>Amazing structures Cushion project</b> Students will research various structures and sculptures from around the world looking into the history and culture of the source. They will produce a range of cushion cover designs.	Students will conduct experiments and develop textiles skills and knowledge with a range of teacher lead decorative skills.	Students will produce a high quality cushion cover that is highly decorative and reflects on the experimentations and research of their chosen structure.		Students will demonstrate an understanding of joints, range of seams and insert a fastening into their cushions. Students shall evaluate their product against their original brief and specification.	
<b>Skills</b>  <i>Procedural Knowledge – 'Know How'</i>	<ul style="list-style-type: none"> <li>· Understanding the properties of different textiles</li> <li>· Understanding and practising the manufacture of different seams</li> <li>· Ability to understand and provide feedback to others</li> </ul>	<ul style="list-style-type: none"> <li>· Develop decorative textiles skills</li> <li>· High standards of outcome. Identifying where problems may occur in order to avoid them</li> <li>· Problem solving</li> </ul>	<ul style="list-style-type: none"> <li>· Measuring and accuracy skills</li> <li>· The importance of conducting research and how this can influence the design ideas.</li> <li>· The importance of scaled drawing and developing patterns and templates for manufacturing.</li> </ul>		<ul style="list-style-type: none"> <li>· Revisiting existing knowledge of seam construction</li> <li>· Understanding how to correctly construct a range of seams</li> <li>· Measuring and accuracy</li> <li>· Problem solving</li> <li>· Developmental skills and analysis of developments</li> <li>· Demonstrate a range of decorative skills</li> <li>· Use of an Overlocker to finish seams</li> </ul>	



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<b>Key Questions</b>	<p>What is the purpose of your product?</p> <p>How will you make sure the product is fit for purpose?</p> <p>What will your product look like?</p> <p>Why will this suit your target audience?</p> <p>What type of materials will you use?</p> <p>What will make these suitable for the product? How many will you make?</p> <p>How much will it cost?</p> <p>How could you keep the costs of materials down?</p> <p>How will the quality affect the marketable factors for the product?</p> <p>How could you further improve and or adapt the design for next time?</p>		
<b>Assessment</b>	<p>Assessment is completed 6 times</p> <ul style="list-style-type: none"><li>● Research and Product analysis</li><li>● Design ideas</li><li>● Pattern cutting and templates</li><li>● Sewing machine skills</li><li>● Manufacturing</li><li>● Written assessment - Evaluation</li></ul> <p>Assessment 1 Research and product analysis Ability to make informed decisions when researching meaningfully and once collated, being able to critically evaluate the findings</p> <p>Assessment 2 Design Ideas Using their chosen structure as inspiration to design a range of initial designs that meet the objectives of the brief. Further develop the ideas into a final design</p>	<p>Assessment 3 Pattern cutting and templates Make and construct patterns and templates in order to develop a fully functional cushion cover that include seams and a fastening. The decoration and design of the final outcome has been reflected on from experimentations, research and other artists</p> <p>Assessment 4 To become fully competent with the use and functionality of the sewing machine in order to use it safely and productively during the manufacturing stages.</p>	<p>Assessment 5 Manufacturing Construction of a textile product, how to professionally insert a fastening, realising the importance of accuracy and detail to finished</p> <p>Assessment 6 Evaluation To critically evaluate the quality of finished product, making suggestions of how it can be improved. Ensuring it has connections to the original starting point.</p>



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	<p>reflecting on the experimentations that include, batik, sewing machine skills, embellishments, applique, reverse applique and beading and sequin work. How to use other artists to influence ideas, creating a range of imaginative ideas that meet the objectives in the design brief, the importance of experimentations and research.</p>		
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