

# Subject: Textiles

Faculty Leader	Subject Leader
Mrs E Stott	DT
National Curriculum	
<b>In the textiles department we follow the National Curriculum program for KS3. This will be taught for half a year. Students then move to Food Technology on rotation.</b>	
<p>Design and technology is an inspiring, rigorous and practical subject. Using creativity and imagination, pupils design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. They acquire a broad range of subject knowledge and draw on disciplines such as mathematics, science, engineering, computing and art. Pupils learn how to take risks, becoming resourceful, innovative, enterprising and capable citizens. Through the evaluation of past and present design and technology, they develop a critical understanding of its impact on daily life and the wider world. High-quality design and technology education makes an essential contribution to the creativity, culture, wealth and well-being of the nation.</p> <p><b>Aims:</b></p> <p>The national curriculum for design and technology aims to ensure that all pupils:</p> <ul style="list-style-type: none"><li>○ Develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world.</li><li>○ Build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users.</li><li>○ Critique, evaluate and test their ideas and products and the work of others.</li><li>○ Identify and solve design problems and understand how to reformulate problems given to them</li><li>○ Develop specifications to inform the design of innovative, functional, appealing products that respond to needs in a variety of situations</li><li>○ Use a variety of approaches [for example, biomimicry and user-centred design], to generate creative ideas and avoid stereotypical responses</li><li>○ Develop and communicate design ideas using annotated sketches, detailed plans, 3-D and mathematical modelling, oral and digital presentations and computer-based tools</li><li>○ Select from and use specialist tools, techniques, processes, equipment and machinery, including computer-aided manufacture in order to make good quality products</li><li>○ Select from and use a wider, more complex range of materials and components, considering their properties</li><li>○ Analyse the work of past and present professionals and others to develop and broaden their understanding</li><li>○ Investigate new and emerging technologies</li><li>○ Test, evaluate and refine their ideas and products against a specification, considering the views of intended users and other interested groups</li><li>○ Understand developments in design and technology, its impact on individuals, society and the environment, and the responsibilities of designers, engineers and technologists</li><li>○ Use research and exploration, such as the study of different cultures, to identify and understand user needs</li><li>○ Understand and use the properties of materials and the performance of structural elements to achieve functioning solutions</li></ul>	
Curriculum Intent	
<p>We have mapped our curriculum content against the national curriculum and have chosen a variety of units which ensure full coverage in line with national requirements. We also strongly believe that we should develop student's creativity, life skills, adaptability, ICT skills, project management skills, problem solving skills, data handling skills, written and oral communication, decision making skills, commercial awareness, the ability to study independently, set goals and manage their own workload.</p>	
Curriculum Implementation	
<p>See chart below. We are on rotation, so we plan our curriculum over half a year. I have completed the first half of the year, however, students may be on rotation in Food Technology for the first half of the year, so they will then rotate to Textiles for the second half of the year.</p>	
Extra-Curricular Opportunities	

Textiles clubs for KS3  
Extra support where necessary

### Resources

Exploring Design & Technology for KS3. Paul Anderson & Jacqui Howells. Hodder Education.  
Bitesize  
Subscriptions to Vogue magazine in the library.  
Library books.  
Various revision guides intended for GCSE but are very useful for KS3.

	Content	Assessment
Y e a r 7	<p>Topic: Introduction to Textiles</p> <p>Rationale: In year 7 the students study Textiles for half a year, a total of 19 weeks. During that time, they cover a range of topics, practical skills and theory work, designed to give them an introduction to Textiles.</p> <p><b><u>Zippered bag project inspired by Peter Blake</u></b></p> <p>Students will be introduced to Health &amp; Safety in the Textiles room Students will study the work of a designer and create a design for a badge that is both effective and decorative. The design task will introduce them to drawing techniques to communicate their design ideas. They will learn how to add colour to the fabric, by applying fabric dye And they will practice different hand and machine stitch techniques to construct the bag and badge. Adding a zip component completes the bag.</p> <p>They will evaluate their product to learn how to make improvements for future projects.</p>	<p>As per the National Curriculum Programme of Study at KS3 attainment targets are set in line with the subject content.</p> <p>In line with the KS3 levels students are assessed on their investigation, research and design activity.</p> <p>A range of skills and techniques will be assessed during the making of the product and their understanding of the properties of a range of materials Students will conduct an evaluation on their completed project. Teacher will feed back formatively regarding continual improvements.</p> <p>.</p>

<p>Y e a r 8</p>	<p>Rationale: In year 8 the students study Textiles for half a year, a total of 19 weeks. During that time, they cover a range of topics and theory work, designed to give them a full introduction to Textiles.</p> <p><b><u>Japanese inspired Backpack</u></b></p> <p>A design and make project, to build on the skills developed in year 7. Looking at Japanese culture both traditional and modern for inspiration, Students dye the fabric for their bag using Shibori, a Japanese folding and dyeing technique</p> <p>The bag is a functional backpack and will be additionally decorated with a transfer print Anime character of their own design.</p> <p>Students will further develop their sewing machine skills and create a simple drawstring to close and carry the bag.</p> <p>Students will become increasingly independent and confidently use a range of techniques and equipment with greater accuracy.</p> <p>They will evaluate their product to understand developments in design and technology and its impact on individuals.</p>	<p>As per the National Curriculum Programme of Study at KS3 attainment targets are set in line with the subject content.</p> <p>In line with the KS3 levels students are assessed on their investigation, research and design activity.</p> <p>A range of skills and techniques will be assessed during the making of the product and their understanding of the properties of a range of materials</p> <p>Students will conduct an evaluation on their completed project.</p> <p>Teacher will feed back formatively regarding continual improvements</p>	
<p>Y e a r 9</p>	<p>Rationale: In year 9 the students study Textiles for half a year, a total of 19 weeks. During that time, they cover a range of topics and theory work, designed to give them a full introduction to Textiles.</p> <p><b><u>'Festival' bucket hat project</u></b></p> <p>The students will look at festivals as a context and design and make a bucket hat suitable for wearing to a festival event.</p> <p>Students will follow the design process of investigation, research, designing, making and evaluating in order to design their hat. By exploring the context, they will discover the needs of festival attendees and the requirements of a hat. They will explore fabric and garment dyeing, looking at the environmental impact of the textile industry and specifically dyeing. Using natural materials, such as berries and spices they will dye fabric and use leaves and feathers to create print designs on their hat.</p> <p>Students will become increasingly independent and confidently use a range of techniques and equipment accurately to construct a more complex product.</p> <p>They will evaluate their product to understand developments in design and technology and its impact on individuals, society and the environment</p>	<p>As per the National Curriculum Programme of Study at KS3 attainment targets are set in line with the subject content.</p> <p>In line with the KS3 levels students are assessed on their investigation, research and design activity.</p> <p>A range of skills and techniques will be assessed during the making of the product and their understanding of the properties of a range of materials</p> <p>Students will conduct an evaluation on their completed project.</p> <p>Teacher will feed back formatively regarding continual improvements</p>	

<b>Extra-Curricular Opportunities</b>			
Textiles club open to all year groups. Crochet and knit club open to all year groups.			
<b>Resources</b>			
See above			