

# The Abbey School

## Sixth Form



### D & T: Fashion and Textiles - A Level

Textiles now have such a wide range of applications that they affect every aspect of our daily lives. This course gives you the opportunity to develop your capacity to design and make products and to appreciate the complex relations between design, materials, manufacture and marketing. Studying Textiles promotes problem solving during the design process that can be applied across the curriculum and to everyday life.

The textiles industry is an extremely important sector of the British manufacturing industry and British fashion designers are world leaders in all the major fashion centres. Textiles can combine with almost any A Level subject to provide a broad base for many University courses. Many students who study Textiles also choose to continue their enthusiasm for the subject at University following courses such as Management and Marketing of Textiles; Textiles Science and Technology; Textiles Innovation and Design etc. It particularly complements Art for those with a focus on a design-based career in Fashion, Textiles or Interior design.

### Syllabus Content

#### **Core Technical Principles**

Materials and their applications; the requirements for product design, development and manufacture; Design communication; Digital design and manufacture; Efficient use of materials; Health and Safety; Feasibility studies; Design for manufacturing, maintenance and repair; Protecting designs and intellectual property; Branding and marketing, fashion cycles.

#### **Core designing and making Principles**

Design methods and processes; design movements and designers; technological and cultural influences on designers work; environmental issues and product life cycles; Conservation of energy and resources; Social, moral and ethical issues; design processes and evaluation; specialist tools and techniques; Design for manufacture - accuracy, quality and BSI standards.

#### **Additional Specialist Knowledge**

Classification of fibres and their working properties; Yarn manufacture and fabric construction; Blending and mixtures; Fabric finishes; Seams; Components and Fastenings; Surface decoration – embroidery and dyeing; Smart materials; E-textiles; Technical textiles; Production scales and commercial practice; Use of ICT; Pattern drafting and toiles

## Non-exam assessment (Coursework)

This is a design and make task where knowledge of subject content is applied to the design and making of students' own project. Students submit evidence of **one** design and making activity which consists of a design folder and a manufactured outcome. The project should cover all of the skills related to Designing and Making - clarifying tasks, generating and developing ideas, solving problems, detailed designing, communicating ideas and information, planning, evaluating, using ICT and working with materials, making a prototype etc.

The project should follow a commercial approach; the students will develop their own specific brief that meets the needs of a user, client or market and produce a written or digital design folder evidencing how the assessment criteria have been met.

## Assessment

Written papers 50%

Non-exam assessment (Coursework) 50%

### A level Fashion and Textiles

Paper 1
<b>What's assessed</b> Technical principles
<b>How it's assessed</b> <ul style="list-style-type: none"><li>• Written exam: 2.5 hours</li><li>• 120 marks</li><li>• 30% of A-level</li></ul>
<b>Questions</b> Mixture of short answer and extended response.



Paper 2
<b>What's assessed</b> Designing and making principles
<b>How it's assessed</b> <ul style="list-style-type: none"><li>• Written exam: 1.5 hours</li><li>• 80 marks</li><li>• 20% of A-level</li></ul>
<b>Questions</b> Mixture of short answer and extended response questions
<b>Section A</b> <ul style="list-style-type: none"><li>• Product analysis: 30 marks</li><li>• Up to 6 short answer questions based on visual stimulus of product(s).</li></ul>
<b>Section B</b> <ul style="list-style-type: none"><li>• Commercial manufacture: 50 marks</li><li>• Mixture of short and extended response questions.</li></ul>



Non-exam assessment (NEA)
<b>What's assessed</b> Practical application of core technical principles, core designing and making principles and additional specialist knowledge
<b>How it's assessed</b> <ul style="list-style-type: none"><li>• Substantial design and make project</li><li>• 100 marks</li><li>• 50% of A-level</li></ul>
<b>Evidence</b> Written or digital design portfolio and photographic evidence of final prototype.