

Product Design - Textiles

Year 12	Year 13
<p style="text-align: center;">AS Level Units</p>	<p style="text-align: center;">A2 units leading to full Advanced GCE</p>
<p>At AS, Students will have the opportunity to study and work with a wide variety of fabrics and components used in the design and making of textile products. Students will work in both two and three dimensional forms. They will gain an understanding of industrial and commercial practices within the area of design and manufacture.</p>	<p>At A2, the specification offers Students the opportunity to further develop the knowledge and practical skills from AS. Students will continue to design and manufacture exciting textile products alongside an understanding of the processes and procedures of commercial textile manufacture.</p>
<p>Unit 1</p> <p>Topic List</p> <ul style="list-style-type: none"> • Source and classification of the main fibre groups • Yarn types and properties and the blending and mixing of fibres • Fabric manufacture: woven, knitted, nonwovens and smart materials created to provide specific properties • Fabric finishes and surface decoration • Product components • Industrial and commercial practice, manufacturing systems, ICT application, pattern drafting, product manufacture and environmental concerns • Development of design, design in practice, communication methods and design in the human context. <p>Assessment Written Exam – 2 hours Weighting – 50% of total AS / 25% of total A Level marks</p> <p>This paper is based primarily on Materials and Components. Consisting of three sections:</p> <ul style="list-style-type: none"> • Section 1 contains compulsory limited response questions • Section 2 offers a choice of one question from two • Section 3 contains one compulsory question. 	<p>Unit 3</p> <p>Topic List</p> <ul style="list-style-type: none"> • Testing and comparing the relative merits of fabrics in relation to their intended use • Manipulating and combining fabrics • Major developments in textiles technology • Product life cycle and fashion cycles • Design in the human context • Industrial and commercial practice, fabric manufacture and product manufacture. <p>Assessment Written Exam – 2 hours Weighting – 25% of total A Level marks</p> <p>This paper is based primarily on Design and Manufacture. It is the Synoptic paper.</p> <p>Consisting of two sections with a choice of three questions from six. Students are required to answer one question from each section and also a final question from either section.</p> <p>This written paper will include sufficient synoptic assessment to test the Students' understanding of the connections between the different elements of the subject and their holistic understanding of the subject.</p>

Unit 2 - Coursework

Coursework – Approx 50 hours
Weighting - 50% of total AS / 25% of total A Level marks

Written (or electronic) design portfolio
Revised Candidate Record Form and manufactured outcome(s)
Coursework may take a number of forms; a single design-and-make project, two smaller projects and/or a portfolio of work.

Unit 4 - Coursework**Assessment**

Coursework – Approx 60 hours
Weighting - 25% of total A Level marks

Written (or electronic) design folder
Revised Candidate Record Form and manufactured outcome(s)
Students submit evidence of a single, substantial designing and making activity.

Further Information: Mrs V. Stringer
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