

**THOMAS MILLS HIGH SCHOOL**  
**Department Curriculum Overview: Design Technology / Textiles**

Year	Term	Topic	Subject Knowledge and Skills	SMSC/FBV/PSHEE/Careers / National Curriculum/PSHE Ref
11	Autumn	NEA – Investigate (continued)	<p><b>Knowledge:</b></p> <ul style="list-style-type: none"> <li>Continue to make progress with the NEA component of the final GCSE qualification: ‘Investigate’</li> </ul> <p><b>Key skills and learning outcomes:</b></p> <ul style="list-style-type: none"> <li>NEA ‘Investigate’: research and investigation methods – identify a client and design problem, questionnaire, ACCESSFM, additional research methods, design brief, specification;</li> <li>use conclusions/summaries to demonstrate consideration of the iterative design process.</li> </ul>	<p><b>Edexcel GCSE Design and Technology: Textiles (1DT0/01) and NEA (1DT0/02)</b></p> <p><b>FBV:</b>  <b>Mutual respect</b>            Students work collaboratively and support in each other in the manufacture of quality products.</p> <p><b>PSHE:</b>            Students work safely and effectively using a wide range of specialist equipment. Students are encouraged to develop competence in a wide range of skills which they may access in the future.</p> <p><b>CAREERS:</b>            Students are introduced to career opportunities within fashion and textiles.</p>
<b>Assessments</b>			<p><b>There are 4 Standardised Assessed Tasks for this topic. They are:</b></p> <p><b>Standardised Assessed Task 1:</b> RAG assessment – Client and design problem identified. (Marked)</p> <p><b>Standardised Assessed Task 2:</b> RAG assessment – Questionnaire, ACCESSFM and additional research. (Marked)</p> <p><b>Standardised Assessed Task 3:</b> RAG assessment – Design brief and specification. (Marked)</p> <p><b>Standardised Assessed Task 4:</b> Final ‘Investigate’ assessment. (Marked and graded)</p>	

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11	Spring	Year 11 preparatory exam NEA – Designing (January-February half term) NEA – Making (March-Easter)	<p><b>Knowledge:</b></p> <ul style="list-style-type: none"> <li>Extend understanding of the format of the GCSE exam paper: section A ‘Core’ and section B ‘Textiles’ and application of numeracy skills;</li> <li>develop revision strategies.</li> <li>Continue to make progress with the NEA component of the final GCSE qualification: ‘Designing’ and ‘Making’</li> </ul> <p><b>Key skills and learning outcomes:</b></p> <ul style="list-style-type: none"> <li>Review, select and apply effective revision strategies;</li> <li>identify generic question formats: properties of materials, application of numeracy skills, process question, design/drawing question, essay/long answer questions.</li> <li>NEA ‘Designing’: initial sketch design ideas, design development, modelling, testing and trialling design developments to justify choice of a final design proposal.</li> <li>NEA ‘Making’: construction of a prototype product, suitable for in-use evaluation.</li> <li>use conclusions/summaries to demonstrate consideration of the iterative design process.</li> </ul>	<p><b>Edexcel GCSE Design and Technology: Textiles (1DT0/01) and NEA (1DT0/02)</b></p> <p><b>FBV:</b>  <b>Mutual respect</b>            Students work collaboratively and support in each other in the manufacture of quality products.</p> <p><b>PSHE:</b>            Students work safely and effectively using a wide range of specialist equipment. Students are encouraged to develop competence in a wide range of skills which they may access in the future.</p> <p><b>CAREERS:</b>            Students are introduced to career opportunities within fashion and textiles.</p>
<b>Assessments</b>			<p><b>There are 4 Standardised Assessed Tasks for this topic. They are:</b></p> <p><b>Standardised Assessed Task 1:</b> Year 11 Preparatory Exam. (Marked and graded)</p> <p><b>Standardised Assessed Task 2:</b> RAG assessment – Initial design ideas and design development. (Marked)</p> <p><b>Standardised Assessed Task 3:</b> RAG assessment – Modelling, testing and trialling to select a final design proposal. (Marked)</p> <p><b>Standardised Assessed Task 4:</b> Final ‘Designing’ assessment. (Marked and graded)</p>	

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11	Summer	NEA – Making (continued) NEA - Evaluate	<p><b>Knowledge:</b></p> <ul style="list-style-type: none"> <li>• Revision for final exam paper (1DT0/01).</li> <li>• Continue to make progress with the NEA component of the final GCSE qualification: ‘Making’ and ‘Evaluate.’</li> </ul> <p><b>Key skills and learning outcomes:</b></p> <ul style="list-style-type: none"> <li>• NEA ‘Making’: construction of a prototype product, suitable for in-use evaluation.</li> <li>• NEA ‘Evaluate’: Life cycle analysis, evaluation against the specification, evaluation of the product in-use.</li> <li>• use conclusions/summaries to demonstrate consideration of the iterative design process.</li> </ul>	<p><b>Edexcel GCSE Design and Technology: Textiles (1DT0/01) and NEA (1DT0/02)</b></p> <p><b>SMSC:</b> Identify environmental issues associated with the manufacture of textiles – raw materials, processing, transportation and packaging (Life cycle analysis)</p> <p><b>FBV:</b> <b>Mutual respect</b> Students work collaboratively and support in each other in the manufacture of quality products.</p> <p><b>PSHE:</b> Students work safely and effectively using a wide range of specialist equipment. Students are encouraged to develop competence in a wide range of skills which they may access in the future.</p> <p><b>CAREERS:</b> Students are introduced to career opportunities within fashion and textiles.</p>
<b>Assessments</b>			<p><b>There are 4 Standardised Assessed Tasks for this topic. They are:</b></p> <p><b>Standardised Assessed Task 1:</b> RAG assessment – Making (skills, safety and quality of outcome), materials calculations (quantity and cost). (Marked)</p> <p><b>Standardised Assessed Task 2:</b> Final ‘Making’ assessment. (Marked and graded)</p> <p><b>Standardised Assessed Task 2:</b> RAG assessment – Evaluate. (Marked)</p> <p><b>Standardised Assessed Task 2:</b> Final ‘Evaluate’ assessment. (Marked and graded)</p>	