

## KS4 Long Term Curriculum Plan: Textiles - Year 11 (2023-2024)

**Curriculum Aim:** The GCSE in Design and Technology enables students to understand and apply iterative design processes through which they explore, create and evaluate a range of outcomes. The qualification enables students to use creativity and imagination to design and make prototypes (together with evidence of modelling to develop and prove product concept and function) that solve real and relevant problems, considering their own and others' needs, wants and values. It gives students opportunities to apply knowledge from other disciplines, including mathematics, science, art and design, computing and the humanities.

**Link to prior learning:** The subject builds on the Year 10 curriculum - incorporating knowledge and understanding of different materials and manufacturing processes in order to design and make, with confidence, prototypes in response to issues, needs, problems and opportunities. Students learn how to take design risks, helping them to become resourceful, innovative and enterprising citizens.

**Rationale of sequencing:** This qualification is linear. Linear means that students will sit their exam and submit their non-exam assessment at the end of the course. Non-exam assessment tasks are released in Year 10. Practical work will link with non-exam assessment allowing students to demonstrate their knowledge of all areas of learning.

	Focus / Topic	Knowledge & Skills	Assessment
Autumn 1	Contextual challenge: Investigate	Develop your research skills by: <ul style="list-style-type: none"> <li>Investigating user needs</li> <li>Conducting relevant research</li> <li>Summarising research</li> <li>Producing a specification</li> </ul>	<ul style="list-style-type: none"> <li>Maths formative assessment homework on Google classroom</li> <li>Research deadline: 19/7/23</li> </ul> Yr11 Data & Progress Check Data 2nd Oct - 16th Oct Yr11 PCE (4-7pm) Thursday, October 5
Autumn 2	Contextual challenge: Design	<ul style="list-style-type: none"> <li>Initial Ideas</li> <li>Review of initial ideas</li> <li>Development of design ideas into a chosen design</li> <li>Communication of design ideas</li> <li>Review of chosen design</li> </ul>	<ul style="list-style-type: none"> <li>Maths formative assessment homework on Google classroom</li> <li>Initial ideas deadline: 19/7/23</li> <li>Development deadline: 15/12/23</li> <li>Design Proposal deadline: 15/12/23</li> </ul> Year 11 Data Analysis & Intervention 30th Oct - 10th Nov Yr11 PPE's November 27 – December 15, 2023
Spring 1	Contextual challenge: Make	Manufacture <ul style="list-style-type: none"> <li>Selection of materials</li> <li>Skills and processes</li> <li>Quality control and quality assurance</li> </ul>	<ul style="list-style-type: none"> <li>Maths formative assessment test on Google classroom</li> <li>Final Prototype deadline: 9/2/24</li> </ul> Yr11 (2) PCE (4-7pm) Thursday, January 25, 2024

Spring 2	Contextual challenge Evaluate	Testing and Evaluation	<ul style="list-style-type: none"> <li>• Maths formative assessment homework on Google classroom</li> <li>• Evaluate deadline: 1/3/24</li> <li>• Completed final NEA project (with corrections): Responding to feedback and final submission 2 weeks later 15/3/24</li> <li>• Yr11 PPEs March 4 – 8, 2024</li> <li>• KS4 Entry Data 11th Mar - 25th Mar</li> </ul>
Summer 1	Exam	Revision techniques	<ul style="list-style-type: none"> <li>• Final GCSE Exam (May/June 2024)</li> </ul>

### **Further Information**

The Course specification:

<https://qualifications.pearson.com/content/dam/pdf/GCSE/design-and-technology/2017/specification-and-sample-assessments/Specification-GCSE-L1-L2-in-Design-and-Technology.pdf>

Website: <https://www.chace.enfield.sch.uk/curriculum-technology/>

DFE Subject content:

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/239089/SECONDARY\\_national\\_curriculum\\_-\\_Design\\_and\\_technology.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/239089/SECONDARY_national_curriculum_-_Design_and_technology.pdf)

### **Assessment:**

- Design and Technology – Component 1: Written paper (100 Marks – 2 Hours) (50% of GCSE 9-1)
- Iterative Design Challenge – Component 2: Non-exam Assessment (100 Marks - Approx. 40 hours) (50% of GCSE)