



Curriculum Overview

Curriculum Area: Design and Technology Timbers/ Textiles

Year: 11

Curriculum covered

Autumn Term

September-October Completion of NEA sections 2 – Design (42 marks) This includes producing different design ideas, review of initial ideas, development of design ideas into a chosen design, communication of design ideas and review of the chosen design. Pupils will work to tight school set deadlines to ensure the complete their NEA.

November- December Exam Technique pupils learn how to answers long questions such as discuss 6-mark question and evaluate 9 marks question; this will be done through teaching exam techniques pupils having a go at completing the work and the timely feedback given to ensure pupils know how to improve. As part of exam preparation pupils will be reminded of learning from year 10. Recap of Specialist knowledge. Revisit maths knowledge within a DT context and practice questions.

Spring Term

January- February Completion of NEA 3 – Make (36 marks) 4 – Evaluate (6 marks) This includes manufacture, and quality and accuracy, testing and evaluation. Pupils will complete their NEA Portfolio and submit work for the school set deadline.

March- April

T3 - Material stock forms and production **Specialist Textiles**- Typical stock forms, types and sizes used to calculate and determine the required quantity of natural, synthetic, woven, and non-woven, knitted, blended and mixed-fibre textiles **Specialist Timbers** Typical stock forms, types and sizes used to calculate and determine the required quantity of each natural and manufactured timber

T4 - Material processing and finishing **Specialist Textiles** Appropriate surface treatments and finishes that can be applied to natural, synthetic, woven, and non-woven, knitted, blended, and mixed fibre textiles for functional and aesthetic purposes.

Specialist Timbers Appropriate surface treatments and finishes that can be applied to each natural and manufactured timber for functional and aesthetic purposes

Summer Term

April- May Exam Content is covered/ recapped difficult topics revisited and pupils will complete past aper questions and receive feedback/ marking on this, so they know how to improve. Pupils will practise the different exam question formats such as, long answer questions, design modification, maths, how to create a technique using notes and sketches, low mark questions and language used, how to decipher a question.

June-July Final Exam preparation lessons.

Internal Assessment

Non – Examination work (NEA) can only be examined and assessed once it has been submitted for formal moderation in April. The only advice and guidance which can be given to pupils is generic and to the whole cohort, not on an individual basis. Pupils will however have access to sample work, the assessment criteria, specifically taught lessons and a NEA help guide. Once the NEA has been completed and moderated the final grades will be disclosed to pupils.

In Year 11 pupils will also complete 2 mock examinations which will be formally marked and graded. November and March. They will also as complete exam practice on a less formal basis. A strong focus on formative assessment will ensure each pupil understands how they can improve their exam technique and subject specific knowledge and we will help them to assess their strengths and areas for development in order to prepare them for their final examination. The final exam will be sat in May/June.

Exam Board/Exam Paper Requirements/% Weighting

Key dates (mocks and final exams)

Exam Board - Pearson Ed Excel Course title GCSE Design Technology (1-9)

50% NEA (non-examined assessment 50% Exam (1hour 45).

NEA Consist of 4 sections (section 1 of NEA completed in the summer term of year 10).

1 – Investigate (16 marks) 2 – Design (42 marks) 3 – Make (36 marks) 4 – Evaluate (6 marks)

Year 11 Mock/Final examination – November 2022 Mock, March 2023 Mock, Final Exam May/June

The paper consists of two sections. Section A is assessed on the core content and Section B is assessed on the material category students have chosen. 1DT0/1E – Textiles, 1DT0/1F – Timbers

Section A: Core This section is 40 marks and contains a mixture of different question styles, including open-response, graphical, calculation and extended-open-response questions. There will be 10 marks of calculation questions in Section A.

Section B: Material categories This section is 60 marks and contains a mixture of different question styles, including open-response, graphical, calculation and extended-open-response questions. There will be 5 marks of calculation questions in Section B.

Helpful resources/revision guides/websites/exam preparation

- Ensure you have a copy of the revision guide. This allows you to revise and read through a topic and then allows you to test yourself. Weekly homework will be set using this guide to build a revision resource for year 11.
- As you revise, produce a mind map, revision clock or a revision card so you are beginning to build a bank of subject specific resources.
- Use Seneca learning at home to practice answering subject specific questions. (Link opposite and on Synergy)
- Ensure you have Knowledge Organisers for all the 'core knowledge' topics (listed opposite in bold) and for your specialist area.

Helpful Websites.

- <http://www.technologystudent.com/index.htm>
 - <https://qualifications.pearson.com/content/dam/pdf>
 - <https://app.senecalearning.com/classroom/course/b>
- Revision guide Collins Design and Technology All in one Revision and Practice guide.