

KS4 Year 10: 2025-26

Overall Curriculum Intent for Construction and the Built Environment

The KS4 curriculum in Construction and the Built Environment aims to equip students with practical, industry-relevant skills in wood joinery and brickwork, allowing them to confidently apply these techniques in real-life scenarios. Students will develop the ability to interpret and use technical source information to support their practical work, ensuring accuracy and efficiency. Through hands-on learning, they will gain knowledge of the tools required for both wood joinery and brickwork, alongside the ability to calculate the materials needed for each task. A key focus of the curriculum is promoting a strong understanding of Health and Safety, with students learning to identify and implement appropriate safety measures, both within the school environment and in the wider construction industry. Additionally, students will explore theory topics related to Safety and Security in Construction, ensuring they can work safely and responsibly while developing their technical expertise.

[illegible]

KS4 Year 11: 2026-27

Overall Curriculum Intent for Construction and the Built Environment

The curriculum for KS4 in Construction and the Built Environment is designed to provide students with the opportunity to develop advanced brickwork and painting/decorating skills that are directly applicable to real-life scenarios in the construction industry. Students will learn how to interpret and use technical source information to inform and enhance their practical work, ensuring they can carry out tasks with precision. They will gain an understanding of the tools required for painting and decorating, and learn how to calculate the materials needed for each project, promoting both efficiency and cost-effectiveness. A central focus of the curriculum is the application of Health and Safety measures, where students will be taught to identify and implement appropriate safety protocols, both in school and in industry settings, to minimise risks. Additionally, students will explore theory topics related to Planning Construction Projects, enabling them to understand the processes involved in managing construction work and ensuring projects are completed safely and to a high standard.

	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Knowledge Introduced	Unit 3 – Constructing the built environment. NEA Brickwork Assessment Work - Planning a sequence of work - Remove, reuse and recycle - Evaluation of brickwork Unit 3 – Carpentry Practice - Recap of key joinery skills linked to assessment project in May Y10 Theory Unit 1.6 Sustainable Construction Methods	Unit 3 – Constructing the built environment. NEA Carpentry Assessment Work - Interpreting sources of info - Calculating materials - Setting a success criteria - Planning q sequence of work - Remove, reuse and recycle - Evaluation of carpentry Unit 3 – Carpentry Practical Assessment 5-hour assessment Theory Unit 1.6 Sustainable Construction Methods	Unit 3 – Constructing the built environment. NEA Painting & Decorating Assessment Work - Interpreting sources of info - Calculating materials - Setting a success criteria - Planning q sequence of work - Remove, reuse and recycle - Evaluation of P&D work Unit 3 – P&D Practical Assessment 5-hour assessment Theory Unit 1.7 Trades, Employment and Careers	Unit 1 Theory Work To include; preparing students for the exam, by recapping on theory topics from unit 1, and working through exam techniques using past paper examples. Theory Unit 1.8 Health & Safety	Unit 1 Theory Work To include; preparing students for the exam, by recapping on theory topics from unit 1, and working through exam techniques using past paper examples.	
Key vocabulary/concepts/ideas students must master	- Health & Safety - PPE - Brief - Specification - Scale - Technical Drawing - Measure, mark and cut - Steel rule, try-square & pencil - Tenon saw & bench hook - Waste - Mitre joint - High quality finish	- Health & Safety - PPE - Brief - Specification - Success Criteria - Sequence of work - Evaluate - Scale - Tenon saw & bench hook - Waste - Mitre joint - Combination square	- Brief - Specification - Timescale - Plan a sequence of work - Tolerance - Cutting in - Masking off - Synthetic brush - Fat edge - Sagging (drips) - Fine Coat - Multiple coats	The vocabulary this half term will be consolidating all the vocabulary form across Y10 & Y11	The vocabulary this half term will be consolidating all the vocabulary form across Y10 & Y11	
Knowledge revisited	KS3 Workshop Practical and DNA's	KS3 Workshop Practical and DNA's	KS3 Workshop Practical and DNA's	KS3 Workshop Practical and DNA's	KS3 Workshop Practical and DNA's	
CEIAG Links/Opportunities	Graphic Designer Product Designer CAD Designer Construction & Engineering Gatsby BM: 2/3/4	Graphic Designer Product Designer CAD Designer Construction & Engineering Gatsby BM: 2/3/4	Graphic Designer Product Designer CAD Designer Construction & Engineering Gatsby BM: 2/3/4	Graphic Designer Product Designer CAD Designer Construction & Engineering Gatsby BM: 2/3/4	Graphic Designer Product Designer CAD Designer Construction & Engineering Gatsby BM: 2/3/4	