

# Curriculum Overview

## Construction Level 2

### KS4

	Year 10	Year 11
Half term 1	Students begin developing the practical joinery skills assessed in Component 2. They learn safe and accurate use of tools such as tenon saws, chisels, try squares, marking gauges and planes. Early focus is on basic joint construction and understanding tolerances.	Students begin the official Component 3 assignment set by Pearson. They analyse the brief, produce researched ideas, create accurate scaled drawings (plans and elevations) and begin their design proposal.
Half term 2	Students continue skill-building, practising a range of joints such as half-lap, mitre, housing, butt, finger (comb) and dovetail. They develop accuracy, safe tool handling and correct sequencing. Teacher demonstrations support refinement of technique.	Students complete all design work for Component 3, including final drawings, annotations, planning documents and evaluations. Work is submitted according to exam board deadlines.
Half term 3	Students complete their preparation for Component 2. They practise full joinery tasks similar to those required in the assessment. Focus is on skill mastery, independence and meeting vocational standards. Controlled practice tasks help prepare for Year 11's formal assessment window.	Students return to the theory content required for the written exam. They revisit: health and safety, job roles, sustainability, materials, building processes, structural elements and regulations. Past papers and retrieval tasks build confidence.
Half term 4	Students begin learning the drawing and planning skills they will need next year for Component 3. This includes orthographic projection, plan views, elevation drawings, scale, dimensioning and layout conventions.	Continued exam revision focusing on applied scenarios and extended responses. Students refine their exam technique, understand command words and practise timed questions.

<b>Half term 5</b>	Students build on architectural drawing by studying low-rise building construction, including foundations, walls, floors, roofs and insulation. They learn how real buildings are assembled and how to represent these elements in technical drawings.	Students complete targeted revision based on mock results and identified gaps. They practise structured exam strategies and complete final past paper questions. Exam is usually sat in May
<b>Half term 6</b>	Students apply their architectural drawing skills to practice design tasks. They respond to sample briefs, producing draft floor plans, elevations, planning sheets and annotated designs. This prepares them for the formal Component 3 assignment window in Year 11.	

## Curriculum Overview

### Construction Level 3 - Built Up Environment

# KS5

	<b>Year 12</b>	<b>Year 13</b>
<b>Half term 1</b>	Unit 1: Our Built Environment, introduction to the built environment life cycle (design, construction, operation, demolition/repurposing), plus overview of low-rise vs high-rise structures. Careers, roles and organisations, how projects are delivered and who is involved.	Unit 3: Materials, technologies and techniques, properties of materials and construction materials, selection based on performance needs, and how different materials behave in use.
<b>Half term 2</b>	Continue Unit 1, focus on low-rise domestic and commercial structures, how substructures are designed and constructed (soil, foundations, DPC, basements), linking decisions to site conditions and buildability.	Continue Unit 3, degradation of construction materials (causes, prevention, maintenance approaches), linking to lifecycle thinking and sustainability.
<b>Half term 3</b>	Finish core Unit 1 content, superstructures, floors, stairs, partitions, external walls and openings, plus services requirements, change of use, and external works. Retrieval and exam practice built in weekly.	Unit 3 building performance and comfort, structural analysis and building comfort, standards for measurement, then thermal comfort, calculations and application to real scenarios.
<b>Half term 4</b>	Unit 2 NEA begins, respond to the WJEC contextualised brief, introduce RIBA stages 0–4, define the problem, client needs, stakeholders, constraints, site/context and legislation influences. Develop the initial project brief and success criteria.	Unit 4 NEA begins, choose pathway (building survey or land survey), plan the survey, risk management, methods, equipment and recording approaches, then complete fieldwork and begin the survey report.
<b>Half term 5</b>	Unit 2 NEA development, produce designs and drawings, refine proposals, use virtual modelling/BIM where appropriate, plan construction methods and techniques, justify decisions, then evaluate against the brief. Final checks and submission readiness.	Unit 4 NEA development, produce a development concept based on findings, then create construction management information, purchasing and financial management information, and a programme of activities. Ongoing quality assurance, presentation and evaluation. Final Unit 3 exam preparation (full papers, weak-area reteach, application questions), plus final Unit 4 completion and submission checks in line with internal deadlines.

**Half term 6**

**Unit 1 exam focus, timed practice, command words, extended responses, mixed-topic retrieval. After exams, a short bridge into Unit 3 basics (materials selection and performance) to support Year 13 start.**