

Subject: Construction

Subject Leader

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National Curriculum

Construction Pathway Overview

In Year 9, the Construction pathway blends enrichment activities with the development of essential practical skills, preparing students for progression into Key Stage 4. Students gain experience in measuring, marking, and cutting, while exploring design, presentation, and construction principles.

At Key Stage 4, students can achieve two qualifications in Construction:

- **EDUQAS Level 1/2 Vocational Award in Construction and the Built Environment (Technical Award):** This qualification provides foundational knowledge of the construction industry, supporting skill development, practical learning, and an understanding of industry practices.
- **NCFE Level 1 Occupational Studies for the Workplace – Construction Pathway:** This course introduces students to core trades, including carpentry and joinery, brickwork, and painting and decorating. Learners apply their skills to create bespoke practical projects and artefacts, supported by a portfolio of evidence.

Both pathways offer hands-on experience and practical knowledge, helping students build confidence, competence, and a strong foundation for future study or a career in the construction sector.

Curriculum Intent

Construction Curriculum Intent

The Construction curriculum is designed to provide students with a strong foundation in practical skills, industry knowledge, and personal development, offering an alternative to purely academic study. It aims to:

- Develop practical construction skills, including measuring, marking, cutting, carpentry and joinery, brickwork, and painting and decorating.
- Introduce students to the principles of design, planning, safe working practices, and the broader built environment.
- Encourage the creation of practical projects and artefacts, supported by portfolios of evidence that demonstrate competence and understanding.
- Foster transferable and employability skills such as problem-solving, creativity, teamwork, self-discipline, and self-confidence.
- Provide meaningful and relevant qualifications that prepare students for post-16 study, vocational pathways, apprenticeships, or entry-level employment in the construction sector.

Through a combination of hands-on learning, theoretical knowledge, and varied teaching approaches, students gain the skills, confidence, and understanding needed to succeed in both further education and real-world construction environments.

Curriculum Implementation

		Term	Content/Topics	Assessment
Year 9	Autumn Term	1	Course Induction, Ground rules, Liability, Evacuation, Hazards, PPE, Risk Assessment, First Aid Develop individual joinery skills Mug rack project Set-out, mark-out and construct mug rack using cross-halving joint and butt joint construction Form basic woodworking joints using hand tools: develop tool skills by producing halving joints, housing joints, mitre joints, mortise & tenon joints. *Bridle joints & dovetail joints for advancement/ differentiation Mark-out, set-out and construct a four joint frame	Oral question & answer, Self-assessment, Observation, Differentiation of tasks, Written assessment sheet with verbal/ written feedback Achievement of required course standards Risk assessment Peer and self-assessment
		2	Form basic woodworking joints using hand tools: develop tool skills by producing halving joints, housing joints, mitre joints, mortise & tenon joints. *Bridle joints & dovetail joints for advancement/ differentiation Mark-out, set-out and construct a four joint frame	Oral question & answer, Self-assessment, Observation, Differentiation of tasks, Written assessment sheet with verbal/ written feedback Achievement of required course standards Risk assessment
	Spring Term	3	Develop individual joinery skills Bird table project. Set-out, mark-out and construct a timber bird table using frame construction To understand why and where different techniques are used and the alternative industrial methods. To be able to produce sample joints in wood using temporary and permanent methods. To be able to describe the named finishes. Develop key skills in order to be able to construct a timber bird table.	Oral question & answer, Self-assessment, Observation, Differentiation of tasks, Written assessment sheet with verbal/ written feedback Achievement of required course standards Risk assessment Peer and self-assessment
		4	Develop individual joinery skills Bird table project. Set-out, mark-out and construct a timber bird table using frame construction To understand why and where different techniques are used and the alternative industrial methods.	Oral question & answer, Self-assessment, Observation, Differentiation of tasks, Written assessment sheet with verbal/ written feedback

		To be able to produce sample joints in wood using temporary and permanent methods. To be able to describe the named finishes. Develop key skills in order to be able to construct a timber bird table.	Achievement of required course standards Risk assessment
Summer Term	5	Develop skills to plan and construct individual project of choice and evaluate success. Coffee table project. Set-out, mark-out and construct coffee table using frame construction *Rebated side panels and base to be used as differentiation for more advanced learners To understand why and where different techniques are used and the alternative industrial methods. To be able to produce sample joints in wood using temporary and permanent methods. To be able to describe the named finishes. Develop key skills in order to be able to construct a timber coffee table project.	Oral question & answer, Self-assessment, Observation, Differentiation of tasks, Written assessment sheet with verbal/ written feedback Achievement of required course standards Risk assessment Peer and self-assessment
	6	Further develop carpentry and joinery hand skills to plan and construct individual project of choice, identify success criteria for this and evaluate the outcome. To understand why and where different techniques are used and the alternative industrial methods. To be able to produce sample joints in wood using temporary and permanent methods. To be able to describe the named finishes. End of term review, next steps and progression into key stage 4.	Oral question & answer, Self-assessment, Observation, Differentiation of tasks, Written assessment sheet with verbal/ written feedback Achievement of required course standards Risk assessment Peer and self-assessment

Curriculum Implementation

				Term	Content/Topics	Assessment (including formal exam options)
Year 10	Autumn Term	1	Course Induction, Ground rules, Liability, Evacuation, Hazards, PPE, Risk Assessment, First Aid All aspects of health and safety in the workshop Learners should be able to identify risks and hazards associated with various construction activities What is the risk? Level of risk? Who may be harmed and how? Control measure? Who is responsible? To understand simple drawings and cutting lists to interpret technical sources of information used in construction projects. Be able to plan and sequence a logical plan of work Identify tools equipment and processes used to complete construction projects Be able to plan for construction projects Skill building activities - use a range of skills and techniques to complete various construction tasks	Identify resources required to complete construction tasks Apply health and safety practices in completion of construction tasks Interpret technical sources of information Identify resources required to complete construction tasks Apply health and safety practices in completion of construction task		
		2	To identify resources required to complete tasks Use a range of skills and techniques to complete various construction tasks Produce practical outcome which meets technical specification and brief Develop an understanding of safe working practices Become independent when completing tasks Set success criteria for completion of project Be able to plan and sequence a logical plan of manufacture Identify tools equipment and processes used to complete construction projects Be able to plan for construction projects Skill building activities - use a range of skills and techniques to complete various construction tasks	Identify resources required to complete construction tasks Apply health and safety practices in completion of construction tasks Plan sequence of work to meet requirements of sources of information Identify resources required to complete construction task Set success criteria for completion of construction task		
	Spring Term	3	To identify resources required to complete tasks Use a range of skills and techniques to complete various construction tasks Produce practical outcome which meets technical specification and brief Develop an understanding of safe working practices Become independent when completing tasks Unit 3 – Skills development relevant to all areas of content for trade-based task 1	Identify resources required to complete construction tasks Apply health and safety practices in completion of construction tasks Identify resources required to complete construction tasks Calculate materials required to complete construction tasks Prepare for construction tasks Apply techniques in completion of construction tasks Apply health and safety practices in completion of construction tasks		

		4	To identify resources required to complete tasks Use a range of skills and techniques to complete various construction tasks Produce practical outcome which meets technical specification and brief Develop an understanding of safe working practices Become independent when completing tasks Unit 3 – Skills development relevant to all areas of content for trade-based task 1	Identify resources required to complete construction tasks Apply health and safety practices in completion of construction tasks Identify resources required to complete construction tasks Calculate materials required to complete construction tasks Prepare for construction tasks Apply techniques in completion of construction tasks Apply health and safety practices in completion of construction tasks	
	Summer Term	5	To identify resources required to complete tasks Use a range of skills and techniques to complete various construction tasks Produce practical outcome which meets technical specification and brief Develop an understanding of safe working practices Become independent when completing tasks Unit 3 – Skills development relevant to all areas of content for trade-based task 2	Identify resources required to complete construction tasks Apply health and safety practices in completion of construction tasks Identify resources required to complete construction tasks Calculate materials required to complete construction tasks Prepare for construction tasks Apply techniques in completion of construction tasks Apply health and safety practices in completion of construction tasks	
		6	To identify resources required to complete tasks Use a range of skills and techniques to complete various construction tasks Produce practical outcome which meets technical specification and brief Develop an understanding of safe working practices Become independent when completing tasks Unit 3 – Skills development relevant to all areas of content for trade-based task 2	Identify resources required to complete construction tasks Apply health and safety practices in completion of construction tasks Identify resources required to complete construction tasks Calculate materials required to complete construction tasks Prepare for construction tasks Apply techniques in completion of construction tasks Apply health and safety practices in completion of construction tasks	
	Term	Content/Topics		Assessment (including formal exam options)	
Year 11	Autumn Term	1	To identify resources required to complete tasks Use a range of skills and techniques to complete various construction tasks Produce practical outcome which meets technical specification and brief Develop an understanding of safe working practices Become independent when completing tasks Unit 1 – Introduction to the construction sector Unit 1 – The Built Environment life cycle Unit 1 – Types of building and structure Unit 1 – Technologies and materials Unit 3 – Skills development relevant to all areas of content for trade-based task 3	Identify resources required to complete construction tasks Apply health and safety practices in completion of construction tasks Identify resources required to complete construction tasks Calculate materials required to complete construction tasks Prepare for construction tasks Apply techniques in completion of construction tasks Apply health and safety practices in completion of construction tasks	

		2	To identify resources required to complete tasks Use a range of skills and techniques to complete various construction tasks Produce practical outcome which meets technical specification and brief Develop an understanding of safe working practices Become independent when completing tasks Unit 1 – Building structures and forms Unit 1 – Sustainable construction methods Unit 1 – Trade, employment and careers Unit 1 – Health and safety Unit 3 – Skills development relevant to all areas of content for trade-based task 3 Learners will be able to critically evaluate the quality of construction tasks. Key questions to be addressed: What did you do well? How could you improve the outcome? What did you find challenging?	Identify resources required to complete construction tasks Apply health and safety practices in completion of construction tasks Identify resources required to complete construction tasks Calculate materials required to complete construction tasks Prepare for construction tasks Apply techniques in completion of construction tasks Apply health and safety practices in completion of construction tasks Evaluate quality of construction tasks. Written presentation including photographic evidence. Mock theory WJEC exams timetabled for Week commencing November 2nd.	
	Spring Term	3	To identify resources required to complete tasks Use a range of skills and techniques to complete various construction tasks Produce practical outcome which meets technical specification and brief Develop an understanding of safe working practices Become independent when completing tasks Unit 1 – Building structures and forms Unit 1 – Sustainable construction methods Unit 1 – Trade, employment and careers Unit 1 – Health and safety Unit 3 – Skills development relevant to all areas of content for trade-based task 3 Learners will be able to critically evaluate the quality of construction tasks. Key questions to be addressed: What did you do well? How could you improve the outcome? What did you find challenging?	Identify resources required to complete construction tasks Apply health and safety practices in completion of construction tasks Identify resources required to complete construction tasks Calculate materials required to complete construction tasks Prepare for construction tasks Apply techniques in completion of construction tasks Apply health and safety practices in completion of construction tasks Evaluate quality of construction tasks. Written presentation including photographic evidence.	

		4	To identify resources required to complete tasks Use a range of skills and techniques to complete various construction tasks Produce practical outcome which meets technical specification and brief Develop an understanding of safe working practices Become independent when completing tasks Unit 1 – summary, recap and revision EDUQAS - Unit 3 externally set assessment preparation for submission to moderator	Identify resources required to complete construction tasks Apply health and safety practices in completion of construction task	
	Summer Term	5	Learners will be able to critically evaluate the quality of construction tasks Key questions to be addressed: What did you do well? How could you improve the outcome? What did you find challenging? NCFE completion of evidence and portfolios for internal verification	Submission of unit 3 coursework for external moderation	
		6	Unit 1 externally set examination preparation	NCFE – submission of sample for external verification EDUQAS - Unit 1 summative assessment externally set exam	