

CoDA Curriculum

CONSTRUCTION Vocational Award

(WJEC)

Year 10-11



Improving the life chances of all students

Why study Construction?

WJEC (Eduqas) Level 1/2 Vocational Award in Constructing the Built Environment offers our students a learning experience that focuses on applied learning, i.e. acquiring and applying knowledge, skills and understanding through purposeful tasks set in the construction sector therefore having many of the characteristics of real work. This prepares our students for the world of work and in turn improves their life chances by equipping students with the skills to transition to working life smoothly and with a developed understanding of construction safety and processes. The coursework, practical and exam content provide relevant and purposeful learning experiences allowing students to immerse themselves into construction based scenarios. The course also aims to ensure learners are enthused, engaged and motivated to study how buildings are constructed. The applied purpose provides the opportunity for authentic work related learning, but more than this, it requires our students to consider how the use and application of their learning impacts on individuals, employers, society and the environment.

The curriculum will include:						
A study of health and safety legal requirements for working in the construction industry	Exploration of risks to health and safety in different situations and how to minimise risks to health and safety	An investigation of how risks to security are minimised in construction	A study of the job roles involved in realising construction and built environment projects	An investigation into how built environment development projects are realised and the opportunity to practise planning built environment development projects	Students undertaking practical that give them the opportunity to interpret technical information to plan, taking account health and safety issues and using appropriate skills and techniques to carry out practical construction tasks.	The opportunity to practically demonstrate the ability to use construction processes in completion of construction tasks.

Construction Curriculum INTENT Y10-11 (BTEC)

Students will be taught and assessed on their ability to...	
Unit 1	• Assess safety and security in construction
Unit 2	• Develop construction projects
Unit 3	• Plan construction projects

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Y11	<p>Unit 3 Planning Construction Projects</p> <p>LO1 Know job roles involved in realising construction and built environment projects AC1.1 Involve Peer assessment AC1.2 Involve AC1.3 Involve</p> <p>Assessment 1</p> <p>Unit 2 Developing construction projects</p> <p>LO1 Be able to interpret technical information AC1.1 Interpret sources of information AC1.2 Different sources of information in the construction industry</p>	<p>Unit 3 Planning Construction Projects</p> <p>LO2 Understand how built environment development projects are realised AC2.1 Processes Self-assessment AC2.2 Factors AC2.3 Sources AC2.4 Resources</p> <p>Assessment – Mock exam</p> <p>Unit 2 Developing construction projects</p> <p>LO2 Know preparation requirements for construction tasks AC2.1 Resources AC2.2 Calculate AC2.3 Success criteria AC2.4 Prepare</p>	<p>Unit 3 Planning Construction Projects</p> <p>LO3 Be able to plan built environment development projects AC3.1 Processes Peer-assessment AC3.2 Processes AC3.3 Tolerances</p> <p>Assessment – Mock exam</p> <p>Unit 2 Developing construction projects Perfecting Construction skills</p> <p>LO2 Know preparation requirements for construction tasks AC2.1 Resources AC2.2 Calculate AC2.3 Success criteria AC2.4 Prepare</p> <p>External Visit: Local builders merchants – coursework preparation an evidencing</p>	<p>Unit 3 Planning Construction Projects</p> <p>Perfecting LO3 Be able to plan built environment development projects AC3.1 Processes AC3.2 Processes AC3.3 Tolerances</p> <p>Assessment 4</p> <p>Unit 2 Developing construction projects</p> <p>LO3 Be able to use construction processes in completion of construction tasks AC3.1 Techniques AC3.2 Health and safety AC3.3 Evaluate</p> <p>Evaluating personal practice</p>	<p>Unit 3 Planning Construction Projects</p> <p>Revision - 5 lessons Revision carousel Revision quizzes Mock exam practice Revision Games Low stake quizzes</p> <p>Unit 2 Developing construction projects</p> <p>Practising construction skills Dragons Den In-school competition SLT Judging</p>	<p>External Exam: Unit 3 Planning Construction Projects</p> <p>Resit: Safety and security in construction (if required)</p> <p>Developing construction projects</p>
Y10		<p>Safety and security in construction</p> <p>Introduction to the construction industry</p> <p>Know health and safety legal requirements for working in the construction industry</p> <p>Responsibilities and safety legislation – 5 lessons</p> <p>Signs in the construction industry – 3 lessons (peer assessment)</p> <p>How to respond to fires – 2 lessons</p> <p>The role of a HSE – 2 lessons</p> <p>The basics of Health and Safety – 3 lessons</p> <p><i>Assessment 1</i></p>	<p>Safety and security in construction</p> <p>Understand risks to health and safety in different situations</p> <p>Are hazards? Identifying hazards? <i>Self-Assessment</i></p> <p>What effect can hazards can have? – 2 lessons</p> <p>What are risks? Identifying and describing risks to health and safety? <i>Peer Assessment</i></p> <p>Unit 2 Developing construction projects</p> <p>Introduction to practical construction skills: LO1 Be able to interpret technical information</p> <p>AC1.1 Interpret sources of information AC1.2 Different sources of information in the construction industry</p>	<p>Safety and security in construction</p> <p>Understand how to minimise risks to health and safety</p> <p>What are control measures? – 2 lessons Situations where risk needs to be minimised. – 3 lessons</p> <p>Unit 2 Developing construction projects</p> <p>Introduction to practical construction skills: LO2 Know preparation requirements for construction tasks</p> <p>AC2.1 Resources AC2.2 Calculate AC2.3 Success criteria AC2.4 Prepare</p> <p>External Visit: Local construction site</p>	<p>Safety and security in construction</p> <p>Know how risks to security are minimised in construction</p> <p>Why do we have security in construction? – 2 lessons Identifying appropriate security measures – 2 lessons</p> <p>Revision - 5 lessons Revision carousel Revision quizzes Revision Games Low stake quizzes</p> <p>Unit 2 Developing construction projects</p> <p>Applying practical construction skills: LO2 Know preparation requirements for construction tasks</p> <p>AC2.1 Resources AC2.2 Calculate AC2.3 Success criteria AC2.4 Prepare</p> <p>External Visit: Local builders merchants Grand Designs - NEC</p>	<p>External Exam: Safety and security in construction</p> <p>Unit 2 Developing construction projects</p> <p>LO1 Be able to interpret technical information</p> <p>AC1.1 Interpret sources of information AC1.2 Different sources of information in the construction industry</p> <p>External Visit: External visitor – Construction industry expert</p>