

Level 2 WJEC Construction and the Built Environment

Year 10

Year 11

	Autumn Term	Spring Term	Summer Term	Autumn Term	Spring Term	Summer Term
Content	Introduction Designing The Built Environment <ul style="list-style-type: none"> • The Sector • Infrastructure, Types of Building and Structure Unit 2: Design Project- Community Centre <ul style="list-style-type: none"> • Materials and structures • Calculations • Sustainable Construction methods • The Built Environment Lifecycle CAD drawing <ul style="list-style-type: none"> • Floor plans • Revit Model 	Unit 2: Design Project – Swimming Pool <ul style="list-style-type: none"> • Success Criteria • Spaces + Planning • Maths + Calculations • Building Structures + Forms • Technologies + Materials • Evaluating Designs CAD drawing <ul style="list-style-type: none"> • Revit Model • Revit Sheets • Revit Schedules 	Unit 2: Practice Assignment Detached House <ul style="list-style-type: none"> • Success Criteria • Floor plans • Calculating spaces • Modelling in 3D • Elevations • Sections and Materials • 3D renderings • Evaluating • Trades, Employment and Careers • Health and Safety CAD drawing <ul style="list-style-type: none"> • Floor plans • Schedules • Elevations • Cross Sections • Block Plans • 3D views 	Unit 2: Assignment Externally set assignment: <ul style="list-style-type: none"> • Creating a Specification • Drawing a site map • Drawing elevations • Drawing Floor plans • Calculating spaces 	Unit 2: Building Structures and Materials <ul style="list-style-type: none"> • Modelling the building in 3D • Adding Services • 3D renderings • Evaluating • Externally set assignment. 	Unit 1: Revision for External Examination in May <ul style="list-style-type: none"> • The Sector • The Built Environment Lifecycle • Types of Building and Structure • Technologies and Materials • Building Structures and Form • Sustainable Construction Methods • Trades, Employment and Careers • Health and Safety
Assessment	Homework: Bromcom Tests: Vocabulary and terminology Design Project will be graded and feedback given	Homework: Bromcom Tests: Vocabulary and terminology Design project will be graded and feedback given	June 1 st : Brief for Unit 2 will be released by EDUCAS: 1.5 hr internal examination	Unit 2 deadline Christmas holiday 1.5 hr internal examination	Unit 2: deadline Easter Holiday Internal Assessment	1.5 hr external examination