

		Autumn1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 11 2022	Year 2 Construction	Unit 2: Tiling Practical/Portfolio Work	Unit 3 Planning	Unit 2 : Portfolio work for all 3 Units	Unit 2: Drawing Unit/Revision for Unit 3 Exam	Completion of outstanding elements	
		<p>Pupils will learn about the tools, equipment, materials and PPE used in wall tiling. They will practice their skills and do their assessment on their own boards. Pupils will produce a portfolio of evidence to include all aspects of the assessment.</p> <p><i>2022 addition – practical involvement in the Construction Area build to begin revision of Unit 3 and to refine their project management</i></p>	<p>Pupils will revise all elements of planning a Construction project from start to completion. They will have time to look at past papers and learn how to answer a question correctly using all the correct terminology.</p>	<p>Pupils will produce a portfolio of evidence for each unit taught. It will include Tools, equipment, materials and PPE required for each task. They also need to do calculations related to the amount of materials they need for each element. Pupils need to add Health and Safety and then complete an evaluation of all their work.</p> <p><i>2022 addition – continued involvement in the school building projects, visits to Red Row Construction Site to discuss future projects and Red Row apprenticeships and in craft trades (bricklayer, joiner, painter/decorator, plumber)</i></p>	<p>Pupils will produce a number of drawings related to residential buildings, drawings to include:</p> <ul style="list-style-type: none"> • Plan view • Elevation drawings • Sections drawings <p>Pupils will then produce a 3D model of their chosen design using card and other materials. Pupils re-entering the Unit 3 exam will also be involved in revision sessions and on-going work on past-papers.</p>	<p>Completing portfolio of evidence Compiling evidence for all practical elements. Final revision for Unit 3.</p>	
Assessments		Internal Assessment	Internal Assessment with External Exam in January	External examination	Internal Assessment.	External Exam – June 2hrs	



		Autumn1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10 2022	Introduction to Construction	Unit 1 Introduction to the Built Environment	Unit 3: Brickwork Practical	Unit 1 Introduction to the Built Environment	Unit 3: Painting and Decorating - Practical	Unit 1 Introduction to the Built Environment	Unit 3: Tiling - Practical
		<p>Introduction to the qualification. Coverage includes: <i>Course structure and assessment</i> <i>Buildings and structures</i> <i>Infrastructures and civil engineering products</i> <i>Building services engineering</i> <i>Professional and material roles</i> <i>Raw material extraction</i> <i>Manufacturing</i> <i>The built environment life cycles</i> <i>Operation and maintenance</i> <i>Demolition</i> <i>Disposal, re-use or recycling.</i></p>	<p>Pupils will learn about the tools, equipment, materials, and PPE use in Bricklaying. They will practice their skills Building simple structures Pupils will learn the different brickwork bonds related to brickwork patterns. Pupils will learn the Health and Safety regulations and follow good working practice through the workshop period. Pupils will work on the qualities of their work ready for the final assessment.</p>	<p>Types of buildings and structures: <i>Different forms of infrastructure constructions</i> <i>Different forms of low-rise buildings</i> <i>Technologies and materials</i> <i>Main elements of low-rise buildings</i> <i>Main materials involved in constructing walls and installing building services</i></p> <p>Technologies and materials: <i>Main elements and components of low-rise buildings</i> <i>Main materials involved in constructing walls and installing building services</i> <i>Main materials involved in fitting roofs and finishing interiors</i> <i>Renewable technologies and materials</i></p>	<p>Pupils will learn about the tools, equipment and P.P.E. required to prepare and paint an area of wall Pupils will have their own area to work with undercoat and gloss. They will work on skirting boards, dado rails and architraves. All preparation will be methodical. Wallpapering will be used in the bottom section of each wall. Pupils will always wear full P.P.E.</p>	<p>Building structures and forms: <i>Cellular constructions, rectangular and portable frames</i></p> <p>Sustainable construction methods <i>The benefits of sustainable construction</i> <i>Pollution and the preservation of the natural environment</i> <i>Sustainable materials used to create building wall frames, walls and roofs</i> <i>Waste disposal, re-use and recycle</i></p>	<p>Pupils will learn about the tools, equipment, materials, and PPE used to fix wall tiles to certain surfaces. Pupils will follow all safety procedures when cutting tiles, using electric saw and hand tools. Pupils will always wear full P.P.E. Pupils will have their own board to practice fixing the tiles and grouting. Pupils will carry out a Risk Assessment prior to starting each project.</p>
Assessments		Internal Assessment – Unit 1 Mock Exam	Internal Assessment	Internal Assessment – continuous testing of taught knowledge	Internal Assessment	Internal Assessment – continuous testing of taught knowledge – Y10 Exam	Internal Assessment

		Autumn1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 11 2023	Refining Construction Skills	Unit 1 Introduction to the Built Environment	Unit 3 – Introduction to the Controlled Assessment Brief		Unit 1 Introduction to the Built Environment	Completion of outstanding elements	
		<p>Trade, employment and careers: <i>Bricklaying, stonemasonry, plastering, carpentry and joinery</i> <i>Electrical installation, plumbing installation, painting and decorating, flooring and tiling</i></p> <p>Health and Safety: <i>Risks during construction of built environment projects</i> <i>Procedures and risk assessments</i> <i>Relevant legislation</i> <i>P.P.E.</i> <i>Working safely with gas, water and electricity</i> <i>Working at height in enclosed spaces</i></p>	<p>Criteria from WJEC supports Controlled Assessment Task Pupils have 10 hours to complete the task Pupils to follow the brief and the specification, follow their plan to create their piece.</p> <p>Bricklaying Task: Pupils build a seven course garden wall in English Bond, with brick on edge capping. Portfolios of evidence to be created, with supporting documentation and photographs Tasks completed for Painting and Tiling.</p>		<p>Continued revision for the external assessment.</p>	<p>Completing portfolio of evidence</p>	
Assessments		Internal Assessment	Internal Assessment – Controlled Assessment		Internal Assessment – preparation for external exam	External exam – Unit 1 1h15	

