

## Programme of Study – Construction

**Mastery:** Be able to identify health and safety regulations followed and to be able to articulate a process of making.

**Resilience:** Be able to move on from mistakes made within a practical lesson

**Communication:** Be able to explain and repeat the process

### Year 11





Year				
Rationale/ narrative	Introduction into the subject- the outline of the course, what is involved within the coursework element, the exam content and practical work			
Rotation	Unit 1			
Topic				
Content	<p>Student’s time will be focused between;</p> <ul style="list-style-type: none"> <li>• Unit One ( exam content –Safety and security in construction) and</li> <li>• Unit Three ( Planning construction projects)</li> </ul> <p><b>Unit One exam content –Safety and security in construction -</b> This unit is about</p> <ul style="list-style-type: none"> <li>• Following health and safety regulations</li> <li>• Fire extinguishers</li> <li>• Role and responsibilities of employees and employers</li> <li>• Safety signs</li> <li>• Role of a HSE</li> <li>• Describe the risk, hazard and control measure of construction photographs</li> <li>• Potential effects- physical, psychological and environmental</li> </ul> <p><b>Unit Three – Planning Construction projects- Coursework (students to complete work from YR10)</b></p>			

	<p>Student will plan the development of a kitchen</p> <ul style="list-style-type: none"> <li>• Describe roles and responsibilities involved on a construction site</li> <li>• Describe the process involved on a project – planning, design, construction, handover and maintenance</li> <li>• Calculate the resources- area, volume, best value, tolerances, plant labour and materials</li> <li>• Asses the factors that can effect a project – internal or external</li> <li>• Sources of information- drawings, spreadsheets and specifications.</li> <li>• Plan the project – construction, build and cost</li> </ul> <p>Exam- Unit one</p>
<b>Assessment</b>	Practical skills and coursework
<b>Homework</b>	<b>Exam content</b>