

# Curriculum Overview – Year 11 Construction

| Unit Title  | Learning  | How can parents best support?  |
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| <p>Know job roles involved in realising construction and built environment projects</p> | <p>AC1.1 Describe activities of those involved in construction projects. Students will spend some time learning about the different activities within the construction industry and present their findings<br/>           AC1.2 Describe responsibilities of those involved in construction projects. Following this, learners will research the different responsibilities within the construction industry and present their findings<br/>           AC1.3 Describe outputs of those involved in realising construction projects. Students will have to demonstrate what types of outputs are possible in a construction project and present their findings.</p>                              | <p>Parents should encourage their child to watch and TV series that help inform them of the roles within the construction industry, such as:<br/>           Grand designs<br/>           Megastructures<br/>           Extreme engineering</p> <p>Encourage their child to have conversations within their family and friendship groups who might work with in the construction industry</p> |
| <p>Understand how built environment development projects are realised</p>               | <p>AC2.1 Describe processes used in built environment development projects. Students will be able to plan a sequence of events for a construction project from start to finish, justifying their decisions.<br/>           AC2.2 Calculate resources to meet requirements for built environment development projects. Students will then be required to cost out a construction project, considering any additional tolerances.<br/>           AC2.3 Assess potential effect of factors on project success. Pupils will be required to consider any unforeseen circumstances that might change the outcome or timescale of a project.<br/>           AC2.4 Interpret sources of information</p> |  |

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| <p>Be able to plan built environment development projects</p> | <p>AC3.1 Sequence processes to be followed AC3.2 Apportion time to processes AC3.3 Set project tolerances. Students will learn how time is appropriate split between task by using time management tools including GANTT charts and process plans. They will also be able to set appropriate tolerances considering the potential for delays in the construction industry including staff illness, delivery and weather.</p>                            | <p>Parents should encourage conversation around budgeting within the household. This could be pricing the weekly shop to pricing up a DIY job at home.</p> |
| <p>Using Construction Processes to Complete a Task</p>        | <p>Students will complete their final practical coursework covering 3 trades including carpentry, electrics and decorating. The practical work will span the length of the year allowing for access to vital skills to be consolidated into one final outcome. Students will apply appropriate techniques for the chosen trades, considering health and safety and evaluating their progress against the criteria they set themselves at the start.</p> |  |