

Level 3 Engineering Summer Task.

'Garden Structure'

Your Brief

In light of this years' closure of parks, recreational spaces and the cancellation of holidays, peoples' gardens have never been more important to them. Your task is to specify and propose a new garden structure that could offer the user a 'get away' experience at home.

Task 1

Measure your own garden space (or suitable outdoor area ensuring adherence to social distancing guidelines) and produce a scale drawing.

The drawing should be a 2 dimensional plan view and include; the scale you have used, dimensions, key garden features. It may be acceptable to estimate some measurements.

Task 2

Produce a series of sketched design ideas showing key elements and/or features.

This is a chance to demonstrate your creativity and the designs need not necessarily be feasible at this stage. You should try to offer a range of different ideas of a structure, and functions thereof, that meet the brief. Bear in mind that the brief is vague in it's nature and a 'get away' experience may consist of anything from a weekend in the mountains to a day trip to the coast. The structure itself may be considered simply a vessel for the interior design elements or the feature in it's own right.

Task 3

Undertake appropriate research to specify a new structure that may be prefabricated or built on site. The budget for the project is £2500.

The research may include examples of idea generation that you use to create a final proposal but must include detail as to costs of elements you intend to include. Everything you find must be referenced, this could be a screen shot of the information or the inclusion of a weblink. If your research is off-line include titles, page numbers or any other suitable reference to the information. (Top tip: if you have never watched 'Shed of the year'... now would be a good time!)

Task 4

Present a final design based on your research and incorporate the structure into your scale drawing.

The final design should include at least one 3 dimensional drawing but may otherwise be made up of whatever you feel best shows the design and features. If interior design is important to your proposal be sure to include this. You may like to offer a plan view of the interior and this may also be included in your garden scale drawing.

Task 5

Write a project report that offers an explanation of your final design decision including how it meets the brief.

You may consider this a sales pitch, of sorts, where you detail the reasons for the design choices you have made. Wherever possible, link these to the original brief effectively arguing your case for how well you feel you have met it.

Assessment Criteria.

These are the criteria you will be marked against on completing the assignment. Get used to using them to help guide your work. In order to be awarded the top mark of 'Distinction', you need to achieve all P's, M's and D's.

P1: Produce a scale drawing the defines a new structure	M1: Show evidence of researching including materials and costings	D1: Justify your final design to the client in terms of budget and it's adherence to the brief
P2: Show a range of sketched ideas	M2: Produce at least one design that shows 3 dimensions	D2: Demonstrate feasibility throughout the project portfolio.
P3: Present a project portfolio	M3: Explain why your proposal meets the brief	