

Preparing to Study at A level

Work for Architecture

Below you will find 5 weeks preparation work (around 10 hrs) for your A level course and an Enrolment Task (2 hrs). You will need to do the same for your other two subjects. The final enrolment task must be submitted to Enrolment@StratfordSchool.co.uk by Monday 12th July.

Exam board TQUK

You can find the course specification here:

[TQUK-Level-3-Certificate-In-Design-Engineer-Construct-The-Digital-Built-Environment-Qualification-Specification.pdf](#)

Research Tasks and Wider Reading:

As optional extra areas of study, you might like to:

- Take part in the COYO Challenge 2021 [Design The COP - Design Engineer Construct!](#)
- Watch [Abstract the Art of Design – Bjarke Ingels](#)

Activities:

Task 1

Produce a document on a range of jobs related to the different aspects of a Building Project Team.

This can be written as a report or a PowerPoint presentation.

Jobs can include: Architect, Architectural technologist, Structural Engineer, Civil Engineer, Building Services Engineer, Facilities Manager, Interior Designer, Landscape Architect, Project manager, Land Surveyor and Quantity Surveyor.

Task 2

Research into Zaha Hadid. A) What is she most famous for? B) Why is she such an influence in architecture? C) What are 5 of her most famous buildings, and what similar characteristics does Zaha Hadid's Architecture have?

Task 3

Research into Eco classrooms and their purpose. Create a [perspective drawing](#) and a [floor plan](#) for a modular Eco Classroom Design that could be used at Stratford upon Avon School.

Task 4

Download [Google Sketchup](#) and start to work through [tutorial one](#). Once you feel more confident move on to [tutorial two](#) and [tutorial three](#).

Task 5

Using your [Google Sketchup](#) knowledge, create a 3D model of your eco classroom

Extra tutorials can be found [here](#).

Enrolment Task (This task must be sent to enrolment@stratfordschool.co.uk):

Research into [Modular offsite construction](#). What suitable materials would you need? What construction processes/on-site joining methods would work best? How could this be used to create a New Student Accommodation?

Work your way through the [PowerPoint](#) to create a 3D model of a new student accommodation. Use the brief to help you with restrictions. Present your work on a PowerPoint with annotations explaining your design and layout choices.

If you have any questions, please contact Miss Allso at KAllso@Stratfordschool.co.uk