

## BTEC National Qualification (NQF) Level 3 Pearson BTEC Level 3 Diploma in Construction and the Built Environment

*This bridging work MUST be completed by the time you start your course in September.  
(The aims of this are for you to be ready to start learning Level 3 Construction in Y12)*

### WHAT WILL YOU DO IN YOUR FIRST YEAR?

*The Level 3 Construction is a specialist course designed to provide students with the knowledge, understanding and skills that they need for construction employment or to progress on to higher education. In order to achieve the Level 3 Construction Diploma, each student is required to complete several units of work. You will also sit a 1.5-hour exam and complete a controlled assessment task. Below is a sample map of what will be taught in Y12.*

**NOTE: THIS ASSESSMENT MAP is subject to change**

Term	Unit(s) Studied	Brief Content
Autumn	Unit 1	<b>Construction Principles (1.5 hour Exam)</b> The aim of this unit is to enable learners to develop their theory understanding of various construction processes.
	Unit 5	<b>Health, Safety &amp; Welfare in Construction.</b> Explains the importance of health & safety and welfare in the construction industry, including the main causes of accidents. The human and financial costs of accidents.
Spring	Unit 4	<b>Construction Technology</b> Explores how technology and advanced building materials are integrated into construction projects and investigates how technological advancements can influence future construction projects effectively in the future.
	Unit 6	<b>Surveying in Construction and Civil Engineering</b> This unit is practical, and learners will spend a significant amount of time carrying out fieldwork and producing drawings. There are also opportunities to use electronic instruments and CAD. Learners will need a reasonable standard of arithmetic and trigonometry in order to complete this unit successfully.
Summer	Unit 9	<b>Project Management in Construction and the Built Environment</b> Learners will develop an understanding of the management function of planning and the techniques that are available both off and on site to effectively plan the deployment of the resources needed to complete a project successfully.
	Unit 8	<b>Building Regulations and Control in Construction</b> The unit aims to develop learner knowledge and understanding of the Building Regulations and how they influence building design, construction and use. It will enable learners to gain an understanding of the specific requirements of the regulations and how they are enforced

# BRIDGING WORK 1

## TASK 1

Try to visit the GO Construct Website to seek out progression from school into work; the GO Construct website enables pupils to plan their progression from school or college into the world of work.

Websites

- <https://www.goconstruct.org/>

# BRIDGING WORK 2

## TASK 2

In terms of building and construction design, what make a construction project successful?

Produce a presentation on your findings when answering the question above.

You will need to consider:

- ***What is more important, form or function?***
- ***What environmental issues do architects have to consider?***
- ***What affects costs?***
- ***Are there any good and bad examples of building or construction design?***

# BRIDGING WORK 3

## TASK 3

Find and visit a local construction site and see if you can find out the following information:

- ***How long has/will the project take to complete?***
- ***What factors have/might affect that time frame?***
- ***How have the local community responded to the project? Do they have any concerns?***
- ***How much is the project expected to cost?***
- ***What types of craft, skilled workers or professionals are employed at the site? Are these workers employed by the company, agency workers or employed by other contractors?***
- ***In terms of skilled work, is there a shortage of any particular type of worker? Is it easier to find one type of skilled worker more than another?***

## REQUIRED RESOURCES / WEBSITES

- [www.architecture.com](http://www.architecture.com)
- [www.vam.ac.uk](http://www.vam.ac.uk)
- [www.apprenticeshipvacancymatchingservice.lsc.gov.uk/navms/forms/candidate/apprenticeships.aspx](http://www.apprenticeshipvacancymatchingservice.lsc.gov.uk/navms/forms/candidate/apprenticeships.aspx)
- <https://www.goconstruct.org>