



Level 2 Brickwork/Site Carpentry CAA/ NOCN Diploma

Student Induction Pack 2023 - 2025

Name:.....

Group:.....

CAA Diploma–Construction Project. Year 12

Induction pack



Topic: Stages in Designing and Planning

In your induction pack for Construction you are to produce a report of your findings for the project below. This NEEDS to be presented to Mr Willson on the first lesson back after the summer break. You will be marked on your findings and how well you have researched and presented your work. **Good luck!**

Brief Outline

Completing this project, you will gain a far greater understanding of general domestic construction techniques.

The aim is for you to research the stages of a complete build from Day 1 through to completion. This is based on a traditionally built 3–bedroom house.

This is split into the four sections that follow:

1. Describe in detail the career path, in terms of training and education, a student would have to take to become a qualified a) Bricklayer and b) Joiner. You can use a flow chart format if you wish, as long as each stage has all the relevant details.
2. Describe in detail the tasks each respective trade would undertake in the construction of a house, from start to finish. What would the following people do?
Bricklayer
Carpenter/joiner.

Plumber

Electrician

Ground worker etc.....there are other tradespeople involved.....can you name them and describe what they do?

3. Construction of a three bedroom house.

In order to construct any building a set of drawings are required. These are provided by an architect. A basic set would normally consist of five drawings. These are as follows:

- i)Site Plan
- ii)Working Drawing
- iii)Elevations Drawing
- iv)Sections drawing
- v)Block plan

Describe which aspect of the proposed project would be shown on each drawing and what information it may contain.

4) This is the order of work that is followed generally throughout the construction of a modern 3-bedroom house.

Take each heading in turn. Research information and by using text and picture evidence, give a thorough account of the building process, explaining the work carried out by which trade and using which materials.

This will demonstrate how different trades work together in producing the finished item; why individual tasks are carried out at a particular stage of the build; and how they follow on from the previous, and prepare for the next.

- Site Strip.
- Foundations to D.P.C (Damp Proof Course.)
- Drainage.
- Essential service connections.
- Superstructure – External cavity walls.
Internal walls – Ground and 1st floor.
- Scaffolding.
- Roof – Structure and Covering.
- Rainwater – Guttering.
- Take down scaffold.
- Internal First Fix – Plumbing Installations.
Electrical Installations.
Carpentry and Joinery Installations.
- General wall and floor finishes.
- Internal Second Fix Plumbing Installations.
Electrical Installations.
Carpentry and Joinery Installations.
- External Works.
- Testing of Plumbing and Electrics.
- Roof Space Insulation.
- Decoration.
- Cleaning for handover.