



## Why Study Construction skills at Mary Hare School?

# Construction Skills

### Where can it take you?

This qualification will allow you to develop your construction knowledge and try a range of different trades such as plumbing, carpentry, bricklaying, electrical installation and landscaping skills.

The course is suitable for students who would like to pursue a career in the construction industry but are unsure of which trade they would like to study.

### What will the course cover?

There are two levels to the qualification entry and level 1. This course is based around the interests of the students, and could cover some of the following activities:

Health and safety test

A range of carpentry techniques (halving joints, housing joints,

mortice and tenon joints, angled halving joints)

A range of plumbing tasks (bending copper pipe, soldering copper pipe, jointing pipe using a range of jointing techniques, draining down and re-fitting radiators, installing a toilet and basin)

A range of bricklaying tasks (constructing a brick wall, constructing block walling, constructing half brick return corners, constructing cavity walls in block and brick work)

A range of electrical tasks (wiring a plug, installing one and two way lighting circuits, constructing a PVC wiring circuit, threading and jointing conduit)

A range of Landscaping tasks (Laying block paving, setting out and laying gravel paths)

### General skills:

Throughout the qualification you will develop your technical knowledge and learn new vocabulary (words).

As a trades person you need to measure accurately, so throughout the course you will practice using a tape measure and working within tolerances. You will also practice using a range of different levels so that you know if your work is straight.

We help you to problem solve and look at different ways to complete a construction job. We help you to break down complicated installations so that you know what materials you will need, what tools you will need and the order in which you will complete the task.

### English and Math's

Basic literacy and numeracy is very important to a tradesperson. You practice writing covering letters, quotations and material lists.

**Are there any other costs and what do I need to bring?**

You will be required to provide and wear steel toe capped boots. We will supply general personal protective equipment such as goggles/safety glasses. Some students buy themselves knee pads, although these are not compulsory.

