Construction

"Success is no accident. It is hard work, perseverance, learning, studying, sacrifice and most of all, love of what you are doing or learning to do." ***Pelé***

This course is good for students who:

- Are inquisitive, creative and imaginative.
- Are interested in building and construction.
- Are thorough and pay attention to detail.
- Have the ability to learn to use, repair and maintain machines and tools.
- Have the ability to work well with their hands.
- Are able to work well with others.
- Have physical skills like movement, coordination, dexterity and grace.

What topics will you be studying?

- Introduction to the construction sector.
- The built environment life cycle.
- Skills development relevant to all areas of content for trade-based work.
- Types of buildings and structures.
- Technology and materials.
- Types of building and infrastructures in the UK.
- Discovering the materials used in construction and their sustainability.
- Health and safety in the workshop.
- Evaluating residential and commercial buildings, their design requirements suited to their uses.
- Renewable energy technologies such as: solar, wind turbines, heat source pumps and hydroelectric.
- Developing fabrication and design decisions.

What do students studying this qualification go on to do?

- Plant mechanics and fitters.
- Construction manager.
- Heating, ventilation and air conditioning engineer.
- Town planners.
- Civil engineering technician.
- Environmental advisor.
- Sustainability specialist.
- Electrician.
- Architectural technologist.
- Quantity Surveyor.