Construction Learning Journey

THE BRUNTS ACADEMY

Health and Safety
Legislation, risk assessments, working with gas, water and electricity.

Trades, Employment and Careers
Various trades that students can access upon completion.

Sustainable Construction Methods
Environmental, financial, cultural, and social benefits to sustainable construction.

Building Structures and Forms
Cellular, rectangular frame, portal frame and heritage methods

Technologies and Materials
Materials used for different building components. Renewable technologies in construction.

YEAR 11

Skill Three – Tiling:
Plan, carry out and evaluate a plumbing task based on the set scenario. Worth 20% of the overall grade.

Types of Building and Structure
Different types of buildings and their characteristics/features

The Sector
An introduction the whole sector of the Construction industry.

The Built Environment Life Cycle
Looking at the 6 stages of the BELC, what happens and why it happens.

Skill Two – Electrical:
Plan, carry out and evaluate a plumbing task based on the set scenario. Worth 20% of the overall grade.

Skill One – Plumbing:
Plan, carry out and evaluate a plumbing task based on the set scenario. Worth 20% of the overall grade.

YEAR 10

KS3

Construction Club:
To introduce the students to Construction and give them an insight into the course and the industry, we will cover some easier skills in Construction club such as carpentry and joinery, bricklaying and electrical.