



Construction KS4



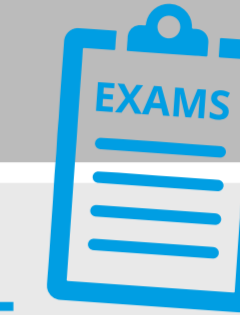
Mastery in Year 11

- Demonstration of depth of knowledge of different types of buildings, sustainable construction methods and trades.
- Ability to demonstrate independence and accuracy when working as a carpenter, bricklayer or tiler.



Mastery in Year 10

- Demonstration of depth of knowledge of the infrastructure of the construction sector, environmental considerations, and types of buildings and structures.
- Ability to demonstrate independence and accuracy when working as a carpenter, bricklayer or tiler.



TRANSITION

BUILDING STRUCTURES AND FORMS

What are the differences between the x 4 types building structures and forms?



SUSTAINABLE CONSTRUCTION METHODS

What are sustainable construction methods?



TRADES, EMPLOYMENT AND CAREERS

Can you describe 8 different trade job roles in the construction industry?



REVISION AND COMMENCEMENT OF EXTERNAL EXAMS

NEA - BRICKLAYING

What makes a secure, effective, and safe wall?



NEA - TILING

Why is spacing and planning of tiling important?



NEA - CARPENTRY

Why is it important to be accurate when measuring?



YEAR
11



TECHNOLOGIES AND MATERIALS / BRICKLAYING PRACTICAL

What renewable energy technologies are being included with new buildings?



TYPES OF BUILDING AND STRUCTURE / BRICKLAYING PRACTICAL

Can you name x 7 different types of buildings?



THE BUILT ENVIRONMENT LIFE CYCLE / TILING PRACTICAL

Describe the life cycle of a building



YEAR
10

HEALTH AND SAFETY ON THE CONSTRUCTION SITE

How do building regulations link to health and safety? What legislations protect construction workers from injury?



THE SECTOR / CARPENTRY PRACTICAL

What is infrastructure construction?

