



Construction



Archdiocese of Liverpool

Curriculum intent:

In Year 11 pupils work independently to carry out a range of practical assessment tasks from three trades; Joinery, Painting & Decorating and Tiling. Pupils are required to demonstrate their understanding of safe working practices in the 'workplace' throughout these tasks. Pupils then undertake a written assignment involving a set scenario of a new build at a school in Africa.

Year 11

| | Content | Concepts and Skills |
|--------|--|--|
| TERM 1 | <p>Practical Assessment</p> <p>Specialist technical principles</p> <ul style="list-style-type: none"> • Selection of materials or components • Specialist techniques and processes • Surface treatments and finishes <p>Making principles</p> <ul style="list-style-type: none"> • Selection of materials and components • Tolerances • Specialist tools and equipment • Specialist techniques and processes | <p>Stud wall construction</p> <p>Maths Skill: calculating materials</p> <p>Joinery Construction tasks: Fitting Door frame & skirting boards</p> <p>Tiling & Grouting</p> <p>Painting & Decorating</p> <p>Requisition forms</p> <p>Health & Safety and PPE</p> <p>Maths Skills: marking out and tolerances</p> |
| TERM 2 | <p>Planning a New Build</p> <p>Core technical principles</p> <ul style="list-style-type: none"> • Materials and their working properties • Material categories • Material properties <p>Specialist technical principles</p> <ul style="list-style-type: none"> • Ecological and social footprint <p>Making principles</p> <ul style="list-style-type: none"> • Environmental, social and economic challenge • Selection of materials and components | <p>Sequencing of the construction process</p> <p>Maths Skills: Calculating materials</p> <p>Maths Skills: Gantt Chart</p> <p>Trades and roles in Construction</p> <p>Factors affecting progress</p> <p>Literacy Skills: Communicating with contracts manager through emails</p> <p>Social & Moral issues in Construction</p> |
| TERM 3 | | |

