



# 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

TERM 1

### Content

#### Practical Assessment

Specialist technical principles

- Selection of materials or components
- Specialist techniques and processes
- Surface treatments and finishes

Making principles

- Selection of materials and components
- Tolerances
- Specialist tools and equipment
- Specialist techniques and processes

### Concepts and Skills

- User needs and Design Context
- Past and present professionals
- Responsibilities and designers in the wider community
- Design Strategies and communicating ideas
- Materials, Sources and Properties
- Making Techniques

TERM 2

### Planning a New Build

Core technical principles

- Materials and their working properties
- Material categories
- Material properties

Specialist technical principles

- Ecological and social footprint

Making principles

- Environmental, social and economic challenge
- Selection of materials and components

- User needs and Design Context
- Past and present professionals
- Responsibilities and designers in the wider community
- Design Strategies and communicating ideas
- Materials, Sources and Properties
- Making Techniques

TERM 3

