Construction Learning Journey

Year 10

Year 12

Re-usable materials

How buildings are designed

Roof structures

Weather resistant

Sustainable builds

Sustainable construction level 3

Construction technology

Construction technology

Foundation technology

Structural layouts

Fines and punishments

Health and safety Level 3

Accident reporting procedure

YEAR 13

Painting and decorating

Assessment point

Optional units

Non-calculator methods

Method statements

Building masonry structures

Site practice

Assessment point

Stud work

Setting out

Assessment point

Legislations and regulations

Plastering

Follow legislations

Measurements levels and angles

Material identification/ wood uses

Relevant health and safety

Risk assessments and health and safety

Block bonds and materials

Laser level

3-4-5 method

Modern vs Traditional

Construction methods of low rise construction

Trowel operations/ carpentry occupations

Assessment point

Brickwork/ Joinery operations

Assessment point

Blockwork/ Carpentry fixings

Assessment point

Setting out construction

Foundation methods and techniques

Preformed construction

Brick bonds and carpentry joints

Brick and block/ Joints and fixings

Carpentry fixings

Transfer levels from point A to point B

Procedures and documents

Construction techniques of low rise construction

Gantt charts

Clients who use construction

Alternative construction

Built environment

Risk assessments

Material identification

Construction Industry 2

Sustainable construction 2

Health and safety 2

YEAR 12

Summer exam re-sit

Hooks law

Sectors in construction

Jobs and careers

Sustainable materials

Good practise

Accident records

Maths and science of construction

Force a friction

Trigonometry and algebra

Sustainable construction

Roofing designs

Floor fixings

Cavity wall and fixings

Theory knowledge

Joints

Create a booklet

YEAR 11

Construction technology

Construction technology

Written Exam January

Brickwork operations

Carpentry operations

Assessment point

Construction design

Assessment point

Foundations

Materials and uses

Finishings and fixings

Bonds and ident

Measurements

Theory knowledge

Create a mood board

Create and design a sustainable house

Close gap between Year 10 and 11

Render/plaster surfaces

Plan week according to timetable

Understand the tools and access equipment used in decorating

Workshop safety knowledge

Different joints used in carpentry

Bond ident build up skills

Identify strengths and weaknesses

Start goal and end goal

Assessment point

Assessment point

Assessment point

Assessment point

Plastering skills

Being Organised

Decorating skills

Carpentry skills

Brickwork skills

Progression plan

YEAR 10

Dry-Line stud wall

Demonstrate good skills to be more organised

Apply different paint and wall paper

Tool and material ident

Basic brickwork techniques

Identify 2 trades