

BTEC Level 1 / Level 2 TECH Award

What the curriculum is designed to do

BTEC Level 1 and 2 in Construction and the built environment is for learners who want to acquire sector-specific applied knowledge and skills through vocational contexts by studying practical skills used in construction. The principles of technology in construction used to create a better environment in the world interpreting the landscape, briefs and other aspects that impact on design and creation of construction as part of KS4 learning.

How we deliver the curriculum

The curriculum is delivered through a blend of theory and practical lessons to provide students with the knowledge required for the course.

Component 1: Construction technology This component will develop knowledge and understanding of processes, terminology and technology used in the construction of the built environment.

Component 2: Construction in practice This component will introduce learners to commonly used hand tools, equipment and craft skills needed in the creation of the built environment and how to select and use materials in order to safely produce quality outcomes.

Component 3: Construction and design Learners will gain an understanding of clients' needs and develop skills in responding to building design briefs and sketches that consider construction constraints.

Component	Description of assessment	When does the assessment take place?
Component 1: Construction Technology	48 guided learning hours resulting in a 1.5-hour exam that is externally assessed	Year 11 – December Resit - June
Component 2: Construction in Practice	36 guided learning hours. Internally assessed and externally moderated.	Year 10 September onwards Explore content.
Component 3: Construction and design	36 guided learning hours Internally assessed and externally moderated.	Year 10 Practice design and models. Year 11- December onwards

How it benefits students learning and personal development

The Tech Award gives learners the opportunity to develop broad knowledge and understanding of construction methods, materials and design, applying mathematical and scientific principles. Throughout the Tech Award learners will learn theory while also developing practical skills, such as using tools and materials safely with vocationally correct techniques, interpreting and understanding the requirements for safe and efficient work, and specialist design techniques. This is reflected in the engaging internal task-based assessments, in which learners have the opportunity to apply and develop hand skills, express creativity and put learning into practice in a useful way, solving construction-related problems. In addition, learners will develop key skills such as planning work, interpreting technical information, designing to meet a client brief, and measuring and checking the quality of work completed.

On completion of this course, learners could go directly into a trainee- or apprenticeship, or progress to technician-level qualifications.