SUBJECT

Construction Curriculum Intent

Our BTEC Level 1/2 Construction curriculum is designed to inspire learners to develop the knowledge, practical skills, and professional behaviours needed to progress confidently into the construction industry. We aim to provide a curriculum that is ambitious, inclusive, and aligned with local and national labour-market needs, ensuring every learner can access meaningful pathways into further study, apprenticeships, or employment.

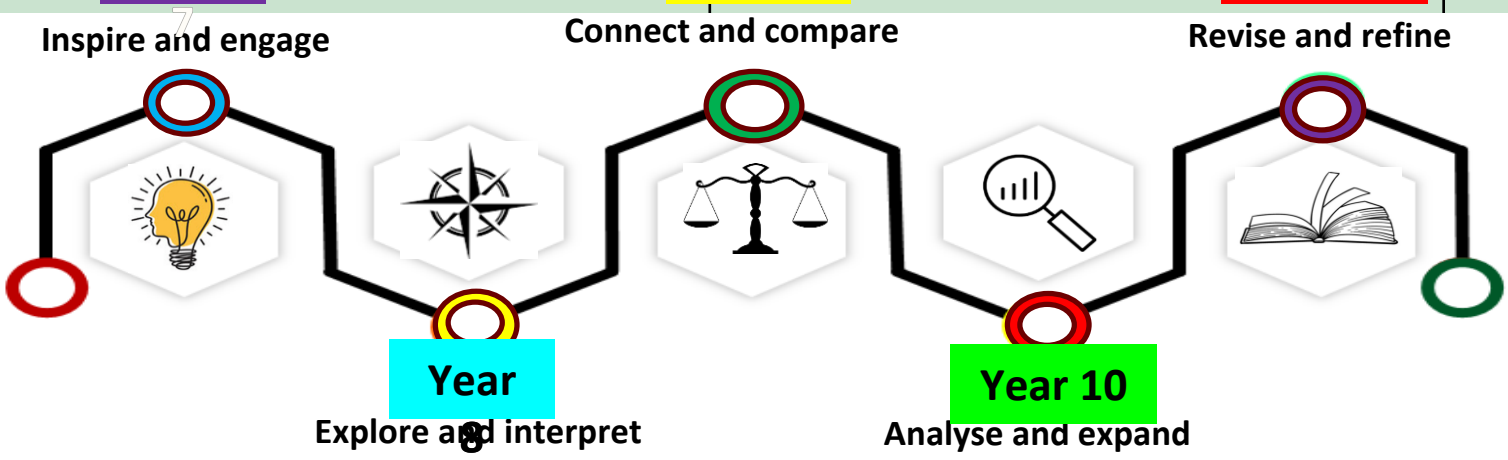
At its core, the curriculum builds a strong foundation in core construction principles, including health and safety, trade-specific practical competencies, sustainability, and effective communication. Learners gain hands-on experience across a range of construction disciplines, enabling them to make informed decisions about their future specialisms.

CURRICULUM LESSONS ALLOCATED OVER THE FORTNIGHTLY TIMETABLE

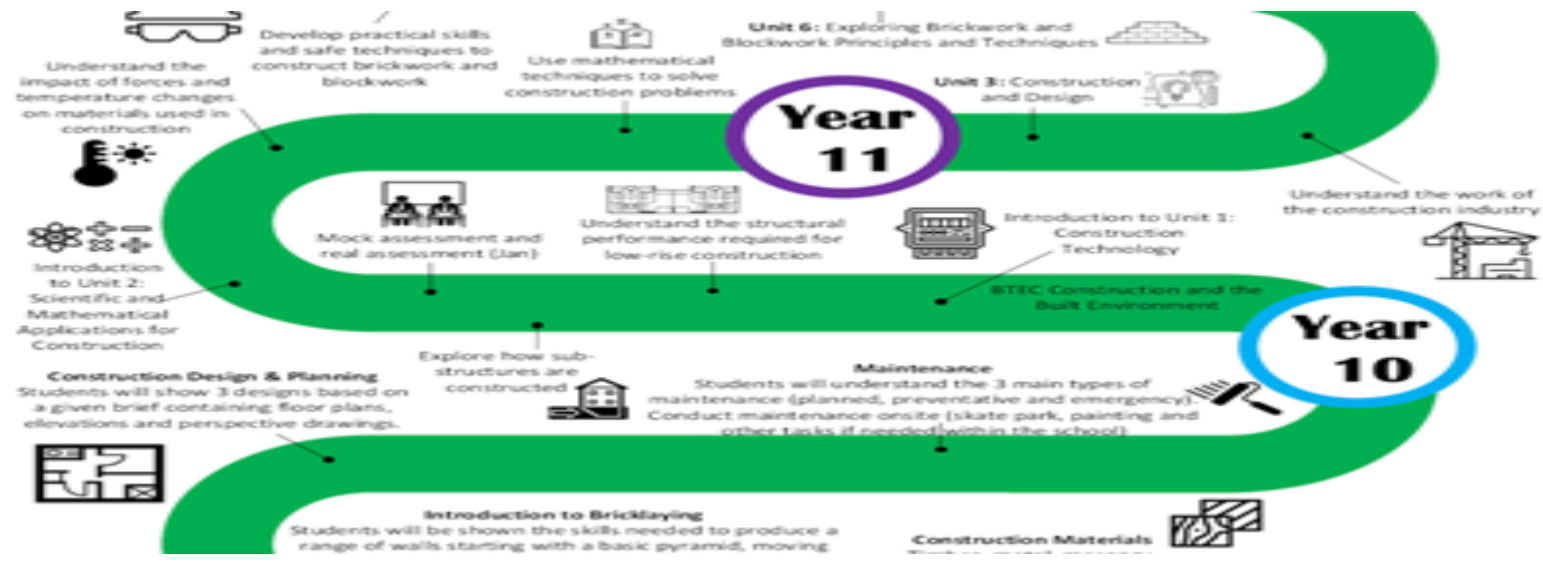
Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13
			5	5		

INSPIRE	MOTIVATE	ACHIEVE
How will lessons engage students? The course inspires learners by connecting **hands-on practical learning** with **real industry pathways**, helping them see a future they can genuinely step into. It motivates students through: **Real-world learning** — Students work on practical tasks that mirror genuine construction activities, helping them feel the relevance and importance of what they're learning. **Visible progress** — Learners can see immediate results from their practical work, building confidence and pride in their achievements. **Industry engagement** — Visits, guest speakers, and employer-led projects show students what real construction careers look like and who they could become.	What does a motivated learner look like? There are many traits that motivated Construction learner demonstrates, including: **Active engagement** — They arrive ready to work, listen carefully to instructions, and ask purposeful questions to deepen their understanding. **Pride in practical work** — They focus on accuracy, quality, and safe working practices, taking satisfaction in producing work that meets industry standards. **Positive workshop behaviour** — They use tools responsibly, follow health and safety rules without reminders, and maintain a tidy workspace.	**Mastering core practical skills** — A WLA student will develop safe, accurate techniques in tasks such as measuring, cutting, fixing, laying, or finishing, producing work that meets industry expectations. **Applying health and safety independently** — They follow procedures without reminders, use PPE correctly, and understand why safe practice matters. **Improving theory knowledge** — They can explain construction processes, materials, sustainability principles, and trade-specific terminology with increasing confidence. **Meeting assessment criteria** — They complete assignments, practical tasks, and written work to the required standard, showing clear evidence of learning and progress. **Developing employability skills** — They demonstrate teamwork, communication, problem-solving, time management, and resilience — all essential for apprenticeships and employment. **Acting professionally** — They show punctuality, respect, organisation, and a positive attitude, mirroring the expectations of real construction

SUBJECT CURRICULUM THEMES



CONTINUING THE CURRICULUM PATH KS4



Cross Curricular links

Maths — Measurement, scale, area, volume, ratios, angles, estimating materials, costing jobs, and interpreting technical drawings all rely on core mathematical skills.
English — Reading technical information, writing risk assessments, completing assignments, communicating with clients, and developing professional vocabulary.
Science — Understanding materials, forces, energy efficiency, insulation, chemical reactions (e.g., cement curing), and environmental impact.

Future Pathways

Level 2 or Level 3 Construction Courses — Further study in a chosen trade such as carpentry, bricklaying, plumbing, electrical installation, or multi-skills.
Construction Apprenticeships — Including Level 2 apprenticeships in trades like bricklaying, joinery, painting & decorating, groundworks, roofing, or property maintenance.

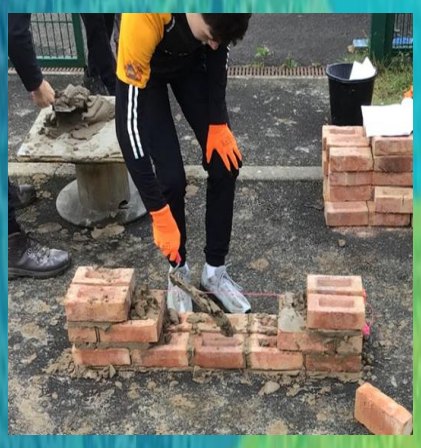
Y10 Construction

Assessment Overview:

- Train You Brain (TYB) quick formative style assessments will take place weekly.
- Component Two - A practical wall building assessment will take place in November 2026 - 33% of final grade
- Compoent Three (Coursework) will be submitted in May 2027

Specification:
https://qualifications.pearson.com/en/qualifications/btec-tech-awards/construction-and-the-built-environment-2022.html

Resources: https://qualifications.pearson.com/en/qualifications/btec-tech-awards/construction-and-the-built-environment-2022.coursematerials.html#filterQuery=category:Pearson-UK:Category%2FTeaching-and-learning-materials



Work experience in the construction industry is encouraged in the Spring Term 2027.

Learning outcome C: Generation of sketch ideas in response to client needs.
Click here for more information
Milestone Assessment: **Sketch Development in Response to Client Needs**

Learning outcome B: Be able to graphically communicate the design of a low-rise building
Click here for more information
Milestone Assessment: **Graphical Communication of Low-Rise Building Design**

Learning outcome A: Understand the needs of a client and the constraints on design when designing a low-rise building. Click here for more information
Milestone Assessment: **Client-Led Design Considerations for Low-Rise Structures**

Learning outcome C: Accuracy in construction Learners will develop knowledge and understanding of vocationally correct techniques for accuracy in the construction of the practical outcome. They will be able to demonstrate these skills to maintain their accuracy during construction.
Click here for more information
Milestone Assessment: **Practical - building a wall, following a specific design brief**

Learning outcome B: Be able to produce a practical construction outcome
Click here for more information.
Milestone Assessment: **Practical - building a wall, following a specific design brief**

Learning outcome A: Be able to understand hazards and risk for safe production of a practical construction outcome
Click here for more information
Milestone assessment: **Understanding Hazards and Risks for Safe Construction Practice**

Y10 Component Two In this component, you will learn and apply vocationally correct techniques to perform construction activities which include the appropriate selection and use of a range of tools to perform construction activities. In doing this you will develop some understanding of working safely in a craft role in the construction industry. You will also have to analyse hazards and risks and then complete some practical work in one of two craft areas: brickwork and carpentry and joinery. You will complete an assessed practical activity in one craft area from the set assignments available to support the assessment of this component. You will showcase your applied knowledge and understanding in addition to your practical skills in this craft. This component will enable you to gain an insight into the construction industry in order to facilitate your choice of pathway into further education to prepare you for a career in construction or related fields.

Potential destinations

Level 2 or Level 3 Construction Courses — Further study in a chosen trade such as carpentry, bricklaying, plumbing, electrical installation, or multi-skills.
Construction Apprenticeships — Including Level 2 apprenticeships in trades like bricklaying, joinery, painting & decorating, groundworks, roofing, or property maintenance.

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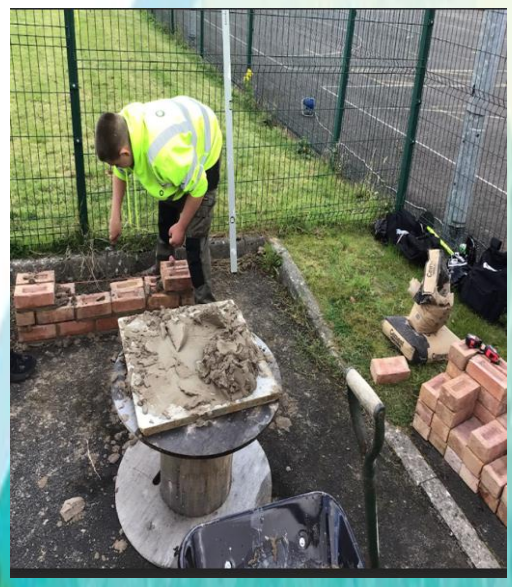
Y11 Construction

Assessment Overview:

- Train You Brain (TYB) quick formative style assessments will take place weekly.
- Each topic listed below will have a 30 minute milestone assessment on completion.
- A full GCSE Unit One mock exam will take place during the winter term.
- Winter 2027 Unit 1 Exam
- Summer 2027 Unit 1 Resit exam - optional



A03 Be able to make connections between different construction technologies to ensure appropriateness of low-rise construction projects in different scenarios. Click here for more information

Milestone Assessment: **Applying Construction Technologies Across Different Scenarios**

AO2 Demonstrate understanding of work of the construction industry and the different technology used in low-rise construction projects. Click here for more information
Milestone Assessment: **Explain how the construction industry operates and describe the different technologies used in low-rise construction projects.**

AO1 Demonstrate knowledge of work of the construction industry and the different technology used in low-rise construction projects. Click here for more information

Milestone Assessment: **Explain the role of the construction industry and the methods used in low-rise buildings**

Y11 Component One This component will develop knowledge and understanding of processes, terminology and technology used in the construction of the built environment. You will examine the modern methods of construction that rely heavily on offsite prefabrication, which benefits the environment sustainably. In understanding how to set up a site you, will examine the information that must be completed before starting work, along with the infrastructure you will need to put in place to run the job efficiently and safely. Sub-structure works are one of the most important parts of a project as they have to safely support the superstructure that rests upon them. You will understand the methods used in constructing several different types of foundation and the safety aspects of supporting excavations while employees work within them. The removal of water from excavations must also be carefully considered.