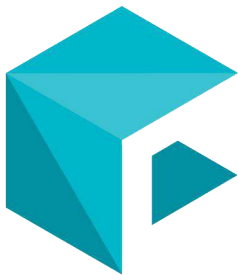
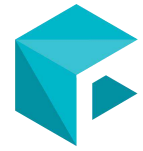


Schools Partnership

Session Catalogue



CONSTRUCTION
YOUTH TRUST



CONSTRUCTION
YOUTH TRUST

Construction Youth Trust

Construction Youth Trust is a charity whose aim is to inspire and enable young people to overcome barriers and discover a career in the Construction and Built Environment sector.

Social mobility is at the heart of our work and we prioritise supporting the hardest to reach young people i.e. those from low income backgrounds, most likely to miss out on opportunities or facing barriers to employment. We help young people recognise their potential and discover opportunities that they have never previously considered.

Schools Partnership

The aim of this programme is to offer students a range of meaningful encounters with employers that widen their career horizons, challenge stereotypes, champion STEM careers and support young people to achieve their career ambitions. We want to work with your school to design an exciting programme of employer engagement that can help meet the Gatsby benchmarks and raise awareness of fantastic career opportunities in the Construction and Built Environment sector.

GATSBY BENCHMARKS

- 1 A stable careers programme
- 2 Learning from career and labour market information
- 3 Addressing the needs of each pupil
- 4 Linking curriculum learning to careers
- 5 Encounters with employers and employees
- 6 Experiences of workplaces
- 7 Encounters with further and higher education
- 8 Personal guidance

A PROGRAMME TAILORED TO YOUR STUDENTS

Schools will be expected to offer every young person, from year 7 to year 13, at least one employer encounter each year. We want to work with your school to establish a programme of employer engagement tailored to the needs of your students.

Examples of activities for each year group might include:

| | |
|---------|---|
| Year 7 | Quantity Surveyor to support key stage 3 maths lesson, giving practical real-world application of curriculum: Maths Quantity Surveying Activity . |
| Year 8 | Female Plumber or Carpenter to present 'Career of the Month' to Year 8 Tutor group. Construction Session |
| Year 9 | Civil Engineer to give career talk on engineering careers and the importance of STEM in future career options: Maths Pythagoras' Theorem Activity |
| Year 10 | Industry-led mock interview sessions carried out by employer HR teams: CV Workshop |
| Year 11 | A range of occupations (architects, engineers, surveyor, skilled trades people) represented in school speed-networking event: Careers Networking |
| Year 12 | Advice on how to enter a career in Construction and the Built Environment sector from industry professionals and current apprentices: Finding and Applying to Apprenticeships |
| Year 13 | Industry-led briefing for students and parents on Higher Level & Degree Apprenticeships including Q&A with potential employers and young people already on apprenticeship programmes. Apprentices Q&A |

SCHOOLS PARTNERSHIP IN ACTION

In our North Kent hub, we partnered with Taylor Wimpey to help level the playing field for the Year 11 students we'd been working with.

Over the academic year, Year 11 students from five of our North Kent schools had been on a journey seeing them initially discovering industry careers to gaining practical industry experience and developing their employability skills. Towards the end of the academic year, we arranged for Taylor Wimpey Apprenticeship Manager Huw Collings to conduct an apprenticeship briefing for Year 11's from all five schools. Seven students applied for Bricklaying Apprenticeships.

Based on our ongoing relationship with the young people, Taylor Wimpey agreed to fast track all seven applicants to the assessment centre stage of the application process. All of the students were then asked to attend individual interviews, the final phase of the application process.

Throughout the daunting apprenticeship application process, the North Kent team gave extra one-to-one support to the students in order to best prepare them for their upcoming assessments.

We were absolutely thrilled when Taylor Wimpey offered five of our students Bricklaying Apprenticeships with the other two students placed on the first reserve list. Securing places against a hundred and seventy two applicants, this is a massive achievement for our Ebbsfleet boys.

DELIVERY STYLES

COVID-19 Response

In response to government guidelines surrounding the impact of COVID-19 we have adapted all of our sessions to suit three distinct types of live delivery to best meet the needs of your school and students:

- Online
- Remote Delivery
- Face-to-Face

Online delivery:

Designed to be delivered to students with individual access to a laptop or device. i.e. within the school IT suite.

Session delivery information and requirements:

- Two members of the Construction Youth Trust delivery team will deliver the online session, as host and co-host
- Industry volunteers will join the session remotely
- A teacher must stay in the classroom for the duration of the session to monitor behaviour
- Students may require use of their own general workbook and pen
- Sessions may require the sending of additional resources in the post or for the school contact to print out in preparation of the session delivery
- Sessions will be delivered via Zoom Webinar (if your school does not allow the use of Zoom Webinar we can adapt the session to alternative platforms e.g. MS Teams, Goggle Hangout)

Zoom Webinar safeguarding precautions:

- All sessions are password protected
- The meeting ID and session password will be emailed in two separate emails to the teacher, for dissemination to students at the beginning of each session
- All participants will enter the waiting room before being accepted by the Construction Youth Trust host/co-host and identified against a list of expected attendees as supplied by the teacher (first names only)
- All participant cameras and microphones will remain off for the duration of the session and be controlled by the Construction Youth Trust host/co-host
- Students will be able to communicate directly with Construction Youth Trust host/co-host only. Students will not be able to communicate amongst themselves online during a session

Remote delivery:

Designed to be delivered to students without individual access to laptops and devices and where external visitors are not able to enter the school or venue.

Session delivery information and requirements:

- A member of the Construction Youth Trust delivery team will deliver the remote delivery session
- Industry volunteers will join the session remotely
- The teacher will be required to take on a team teaching role to facilitate the interaction with and engagement of participating students. **A 30 minute delivery meeting will be scheduled prior to session delivery to discuss team teaching**
- The teacher must be present throughout the entirety of the session
- The session requires use of an interactive whiteboard or projector, with sound capabilities, to stream the webinar
- The session requires use of a webcam so the Construction Youth Trust host can see the room of students
- The session requires use of a microphone by the teacher to be able to communicate clearly with the Construction Youth Trust host
- Students may require use of their own general workbook and pen
- Sessions may require the sending of additional resources in the post or for the school contact to print out in preparation of the session delivery
- Sessions will be delivered via Zoom Webinar (if your school does not allow the use of Zoom Webinar we can adapt the session to alternative platforms e.g. MS Teams, Goggle Hangout)

Face to face delivery:

Designed to be delivered to students within the school environment.

Construction Youth Trust will maintain social distancing at all times as well as adhering to any additional measures individual schools have in place.

Session delivery information and requirements:

- A member of the Construction Youth Trust delivery team will deliver the session
- Industry volunteers may join in person or remotely, as appropriate
- Social distancing guidelines will be adhered to at all times
- Students may require use of their own general workbook and pen
- Sessions may require the school contact to print resources if the school does not allow one use paper resources to be brought into the school
- Any multiuse resources will be disinfected and quarantined between each session use

WHOLE SCHOOL SESSIONS

An Overview of Construction Assembly, 15-20 minutes

This presentation aims to demystify the industry in the minds of young people and teachers, and explores the possibilities of roles within the Built Environment sector. Stereotypes and myths about the sector, such as that jobs are unskilled and low paid, will be challenged whilst giving an overview of the vast array of professional and technical roles available. This session will also shed light on the stages of a typical construction project, the new technology used by the industry, and sustainability considerations.

Gatsby Benchmarks: 2, 5

Can be delivered: Online, Remotely, Face-to-Face

An Overview of Construction Session, 45-50 minutes

This session begins with an Overview of Construction presentation which discusses where the industry is going in terms of technological innovation and sustainability, as well as available careers. The main focus of this session is an interactive activity involving the Go Construct career personality quiz.

Gatsby Benchmarks: 2, 3, 5

Can be delivered: Online, Remotely, Face-to-Face

KEY STAGE 3 SESSIONS

Key Stage 3 Science, Forces and Pressure, 1 hour

Students will consider the importance of forces and pressure when designing and constructing a new building. They will use a formula to calculate the pressure load of iconic buildings around the world and design their own building. Their challenge is to work out the maximum number of floors the building can hold without exceeding the maximum pressure capacity. The session involves real life problem solving skills in a realistic situation.

Gatsby Benchmarks: 3, 4, 5,

Can be delivered: Online, Remotely, Face-to-face

Carbon Challenge, 45-50 minutes

This is an interactive session that aims to expand on students' knowledge of carbon footprints and ways that emissions can be managed and reduced. This will be done by exploring new and emerging techniques that the Built Environment sector is using to improve sustainability. Students' will either work in groups and formulate a pitch to their Headteacher, discussing ways that the school could reduce its carbon footprint or create their own individual persuasive marketing materials.

Gatsby Benchmarks: 4, 5

Can be delivered: Online, Remotely, Face-to-Face

Maths Quantity Surveyor – A day in the office (45-50 minutes or 90-100 minutes)

This session sees students take measurements from a 2D floor plan of a new school wing. Students work out the surface areas of the classroom walls and calculate how much the rooms will cost to paint according to a defined budget.

Gatsby Benchmarks 2, 4, 5

Can be delivered: Online, Remotely, Face-to-Face

Maths Pythagoras' Theorem Activity, 45-50 minutes

A practical introduction to Pythagoras' Theorem via a 'setting-out' task that encourages students to think about 3-4-5 triangles and physically see the principle in action. Industry volunteers, usually Project Managers or others with site experience, will explain the importance of right angles to construction and talk about how maths relates to their everyday jobs.

Gatsby Benchmarks: 2, 4, 5

Can be delivered: Online, Remotely, Face-to-Face

IT Interior Design Workshop, 1 hour

Students will take on the role of an interior designer to learn about their roles and responsibilities and the challenges they face in their day to day job. The students will learn about the 7 key principles of interior design and understand how they are put into practical use. They will briefly look at colour theory and understand their different effects. In pairs, the students will use an online program to design the interior of a community counselling space using the 7 principles. At the end of the session some students will present their design, explaining why they have chosen their design and what effect it will have in use.

Gatsby Benchmarks: 2, 3, 5, 6

Can be delivered: Online, Face-to-face

Step Into The World of Engineering, 1 hour

The aim is to encourage students to think about creative problem solving and innovation involved in engineering. Students will be tasked to think outside the box about inventions they would one day like to see with emphasis on the fact that although ideas seem impossible now, in the future we may have the technology to make them happen. Four types of engineering will be highlighted, these include: Mechanical, Aerospace, Civil and Environmental Engineering. Students will answer open questions concerning these four disciplines. The session will conclude with the progression of engineering and a video on a new engineering breakthrough.

Gatsby Benchmarks: 2, 3, 5, 6

Can be delivered: Online, Remotely, Face-to-Face

Team Challenge, 45-50 minutes

During this session students have their teamwork skills tested as they have to work together to develop a regeneration design for a public space. By the end of the session, the teams have to be ready to present and explain their designs to their peers. The challenge encourages students to think about local environments and the potential to re-design and utilise spaces in different ways.

Gatsby Benchmarks: 2, 3, 5, 6

Can be delivered: Face-to-Face

KEY STAGE 4 & 5 SESSIONS

Finding & Applying to Apprenticeships, 45-50 minutes

This session aims to demystify what apprenticeships are and how they work, as well as explain how to find and apply for apprenticeship opportunities. Using the Built Environment sector as an example, this session will demonstrate the variety of careers that are available for prospective apprentices, as well as the benefits and things to consider for young people considering this route. The session can include an interactive activity in which students get to grips with the government's 'Find an Apprenticeship' website.

Gatsby Benchmarks: 2, 3, 5

Can be delivered: Online, Remotely, Face-to-Face

Apprentices Q&A, 45-50 minutes

This session centres around a discussion between a panel of industry volunteers and a class of students. For example, an apprentice and a HR professional will share their experiences and talk about apprenticeship opportunities from both sides of the selection process. Students will be able to ask questions about what it's like to be an apprentice, and what hiring managers look for from those wishing to become one.

Gatsby Benchmarks: 2, 5

Can be delivered: Online, Remotely, Face-to-Face

Careers Networking, 45-50 minutes

For this session, students will have the chance to talk to a range of industry volunteers representing a range of STEM-related careers. In groups, students will either move from table to table, interviewing the professionals to listen to advice about what it takes to get into a STEM career or engage with them remotely. Students will also be able to quiz the volunteers about what it's like to do their job, and what they like best about working in the Built Environment. Prompt questions will be provided.

Gatsby Benchmarks: 2, 5

Can be delivered: Online, Remotely, Face-to-Face

CV Workshop, 45-50 minutes

The goal of this session is to help students to get to grips with the essential content of a CV. Students will spend time reviewing example CVs, looking for common errors, and highlighting the strengths. They will then think about their own skills and how to emphasise them effectively, and be given support to begin crafting their own personal statement.

Gatsby Benchmarks: 3, 5

Can be delivered: Online, Remotely, Face-to-Face

Cover Letters Workshop, 45-50 minutes

Students learn about the different types of cover letters and how to write an appealing and effective cover letter of their own. Students will spend time reviewing example cover letters, looking for common errors, and highlighting the strengths.

Gatsby Benchmarks: 3, 5

Can be delivered: Online, Remotely, Face-to-Face

Interview Skills Session, 45-50 minutes

In this session students are provided with an overview of what to expect when you have been offered an interview. This interactive session takes students through the 'do's and don'ts' of how to approach an interview, helping them to develop their employability skills and prepare them for the world of work or further education and training opportunities.

Gatsby Benchmarks: 2, 3, 5, 6

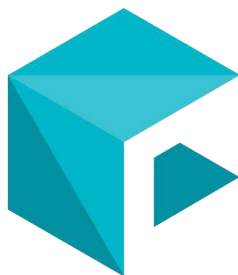
Can be delivered: Online, Remotely, Face-to-Face

Application Masterclass, 1 hour

An application is the first chance an applicant gets to make a good impression on an employer. This session is designed to prepare students for writing unique applications. The session will cover techniques aimed at helping students to structure well-rounded answers whilst writing applications and during interviews. The key stand out points needed to write an application will be covered giving students a chance to practice their skills before they have to complete a real applications.

Gatsby Benchmarks: 2, 3, 5, 6

Can be delivered: Online, Remotely, Face-to-Face



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