

# INSPIRING CONSTRUCTION



# Who are we?

**Through a suite of bespoke events, workshops and one to one sessions, Inspiring Construction brings to life the multifaceted elements of the construction industry with a particular focus on school aged children. The programme aspires to increase participation in STEM subjects, address the imminent skills gap that the construction industry faces and ultimately inspire Construction as a career of choice.**

Inspiring Construction is a unique programme being delivered during the Year of the Young Person and will address barriers to participation and address any misconceptions that Scotland's young people may have to empower them to consider becoming the construction professionals of tomorrow.

Inspiring Construction promotes the whole of the construction industry and includes trade demonstrations, career events for aspiring professionals, raising awareness of construction to teachers and career advisors, onsite visits and computer simulation.

**We will work with others to deliver a programme of coordinated activities and events to promote a unified and positive image of the industry.**

## Testimonials

*Gillian Longmuir, DYW, Ayrshire:*

I thought the presentation and presenters were excellent and there was a lot of great discussion.

*Alison Nimmo, DYW Programme Manager, Lanarkshire and East Dunbartonshire:*

The teachers and pupils really enjoyed the format of the event with the sector overview, the presentations by the young people then talking to the employers who had information and advice all brought it to life for them.

*Leanne Banks, Industry and Education Partnership Manager, DYW Edinburgh, Midlothian & East Lothian Regional Group:*

I believe everyone that attended the presentation found it most interesting, informative and persuasive in encouraging a highly positive view of construction career options, prospects and attractions.

*Carly Thomson, Business Education Teacher, Bell Baxter High School:*

I do think that the workshops helped raise pupil awareness of construction, on the day all pupils were extremely engaged. There have been many pupils who have asked questions about the employment opportunities. As a faculty, future presentations from Inspiring Construction would be welcomed.

*Rose Coyle, DYW Programme Executive, Lanarkshire & East Dunbartonshire:*

The day was very informative and all of the speakers gave a great account of the industry and their own personal journey. Mark did an amazing job which I know from speaking to the pupils and students yesterday they all found this information very useful. Having the opportunity to then go around and speak with employers and training providers was just an exceptionally positive experience for all who attended.

*Ryan Carter, Teacher of Design & Technology, Forrester High School, Edinburgh:*

The general feedback was very positive. Young people felt more informed regarding the various routes into the construction industry and the different jobs available within this industry.

# Our industry

- The construction Industry is the **3rd biggest employer in Scotland**, with **233,600 employees** which makes up **10% of the workforce**
- The industry has a **£10 billion turnover** through **31,000 businesses**
- **28%** of the workforce will **need replacing by 2027**, creating **91,000 new jobs**

## V & A MUSEUM, DUNDEE

**Cost:** £66m  
**Number of people:** 1924  
**SMEs employed:** 92

## CITY OF GLASGOW COLLEGE

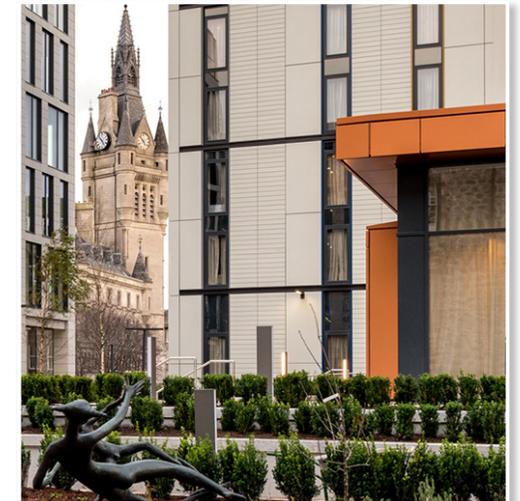
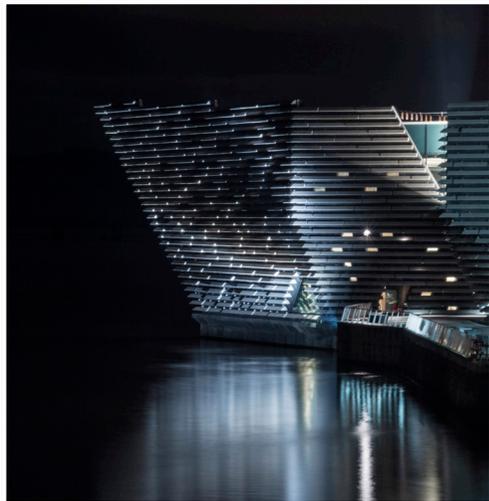
**Cost:** £182m  
**Number of people:** 2062  
**SMEs employed:** 98

## QUEENSFERRY CROSSING

**Cost:** £790m  
**Number of people:** 15,000  
**SMEs employed:** 1450

## MARISCHAL SQUARE, ABERDEEN

**Cost:** £107m  
**Number of people:** 1515  
**SMEs employed:** 112



# Inspiring professional careers

We offer a series of presentations from young ambassadors from within local/major contractors who can give career insight into their roles, entry into the sector via apprenticeships and training routes, as well as academic qualifications, and the skills young people can develop to enhance their opportunities.

Each presentation can be accompanied by a variety of STEM based interactive activities to give young people a flavour of professional roles within construction.

## These may include:

- VR goggles
- Overhang challenge
- Construction Manager game
- Lego challenge
- Straw and golf ball task

Sessions can be tailored from 1 hour up to a ½ day dependent on your preference and group sizes.

## Examples:

### 1 hour session:

Professional Careers in Construction Presentation with 1 young ambassador & 1 Interactive task.

### 2 hour session:

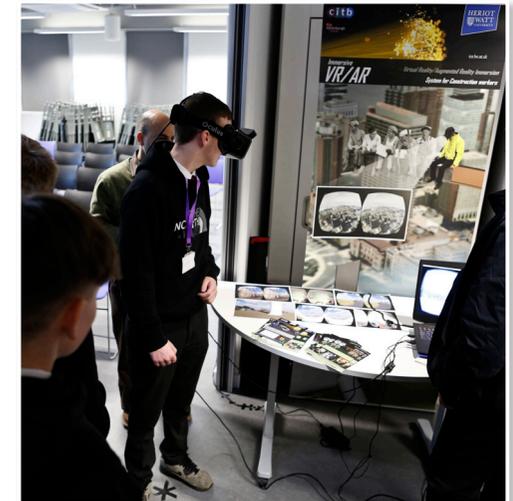
Professional Careers in Construction Presentation with 2 young ambassadors & 1-2 Interactive tasks.

### ½ day session:

Professional Careers in Construction Presentation with 3 young ambassadors & 2-3 Interactive tasks.

## Inspiring Professional Careers encourages young people to think about a career in Construction by:

- Raising awareness in young people of the numerous professional careers within construction and how to access them
- Construction stereotypes “Myth-busted”
- The gender diversity of roles addressed with young people and accompanying teachers
- Informing young people and teachers of routes and pathways into construction careers including apprenticeships, academic, graduate and professional



# Educators insight

We offer presentations to promote the construction industry to educators and career advisors.

Our presentations highlight the vast array of career options within the industry and demonstrate that these should be looked upon as careers of choice for today's ambitious, adventurous and enthusiastic young people.

We offer a series of presentations given by young ambassadors working in the industry who provide insight into their career journey followed by question and answer sessions.

These presentations are introduced by an experienced facilitator who sets out who the participants are, the aims and approach of the Inspiring Construction Programme and describes the different career options, paths and support available to those interested in learning more.

Sessions will be organised to suit school hours and can be tailored to provide bespoke arrangements which fit with school or other event agendas.

A 40 minute format can include an introduction, ambassador presentations, a short inspirational film from the CITB and Q&A. Value can be added with more time allocated or brief in-service, CPD or twilight sessions catered for.

**Educators Insight presentations aim to ensure that all educators are more aware of various careers within construction by:**

- Raising awareness of the various professional careers within the construction industry and how to access them
- Construction stereotypes Myth-busted
- The gender diversity of roles addressed
- Informing career advisors and teachers of the routes and pathways into these careers including apprenticeships, academic, graduate and professional



# Inspiring traditional building skills

We offer a range of traditional building skills demonstrations where pupils, and teachers, are offered the opportunity to have mini-masterclasses in four trades to help them in their career decisions.

We recognised that many school children who enter a construction trade do so without having been given the opportunity to experience a variety of options so the Scottish construction industry has come together to address this.

The Inspiring Traditional Building Skills helps pupils make an informed decision on which trade career to follow and therefore maximise their chances of long-term positive destination.

We can organise these events in public areas or within schools.

For those in public areas, we organise everything and all you have to is supply us with the names of those attending and accompanying the pupils.

For those in schools, all we need is a sufficiently large space (the gym hall is normally good) and the names of those attending.

## **We will do everything else.**

We do encourage school teachers to participate in the activities as well but that is your decision (although those who do always have a great time).

We ensure a high tradesperson to pupil ratio deliberately to ensure a high quality experience for the pupils and also to manage health and safety. We can therefore accommodate 16 school children

(plus teachers) at any time. In schools we can deliver the programme three times in one day and therefore provide 48 school children with a high quality mini-masterclass in four trades.

We do provide all relevant Personal Protection Equipment (PPE) for all participants.

Risk Assessments are prepared prior to the event and will be available to view on request.



# Our successes

## What we have delivered so far

### PROFESSIONAL CAREERS

- 15 events have been held to date involving over 690 pupils
- 90% thought the event was excellent or very good and 100% now have a better understanding of the construction Industry
- 60% would like to be kept informed of other events and information relating to careers in construction

### TRADITIONAL BUILDING SKILLS

- 17 events to date, to over 730 pupils
- 80% found the demonstrations excellent or very good
- 60% would you like to know more about a career in Construction

We are working closely with local colleges to follow up with pupils' interest.

### EDUCATORS INSIGHT

- 6 events held to date to an audience of nearly 185 teachers and career advisors. All said that they had learned something new about the different roles and routes into the industry and would now be happy to discuss with any pupil who inquiries about a career in construction.



## What we have planned

- Professional Careers – 5 more events planned
  - Traditional Building Skills – 3 more events planned
    - Educators Insight – 4 more events planned
      - Construction Takeover Days – 4 events planned



Inspiring Construction is an interactive programme showcasing careers for young people in the Scottish construction industry. Funded by CITB, it is delivered by a consortium of major contractors, small and medium sized contractors, professional bodies and trade associations.



## FOR MORE INFORMATION

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