

# building better futures

## Who We Are

North Eastern Universities Purchasing Consortium Ltd (NEUPC) is one of six UK Higher Education purchasing consortia established to deliver and manage a wide range of collaborative framework agreements designed to maximise third party expenditure within the higher education sector.

In close collaboration with the north-east Universities of Durham, Newcastle, Northumbria, Sunderland and Teesside (The NE5), NEUPC has created a suite of framework agreements to assist with the delivery of their capital programmes.

There is a strong social agenda attached to these frameworks. NEUPC and the five Universities, together with all appointed framework contractors and consultants, are keen to maximise the collaborative nature of the agreements and deliver a range of initiatives that will benefit the north east economy and the community as a whole.

## Building Better Futures

The Building Better Futures initiative features a series of animated and real-life video content, set around the story of the Newcastle Helix development and focuses on the various roles that women have played across a range of careers in construction, in order to make the Helix a reality.

The content will be accessible across a range of digital platforms and the aim is Primarily aimed at female students between the ages of 12 – 15.

## What does this hope to achieve?

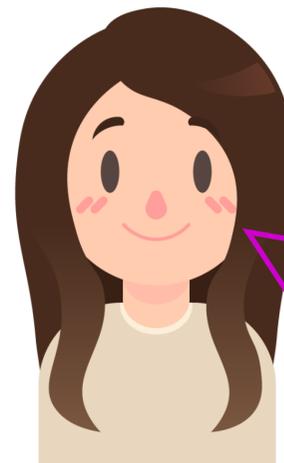
- To Raise Aspirations: *Targeting the widest range of social backgrounds in the North East*
- To Raise Awareness: *Promoting the breadth and depth of opportunities available in the construction industry*
- To Breakdown Stereotypes: *Highlighting there are many women already playing key roles in the construction industry*

## Why is this important?

The average pay gap in the construction sector stands at 28% with construction still being a male-dominated industry. Even at apprentice level, the sector attracts few women

The North East has excellent primary results in terms of attainment and aspiration but less so in secondary school. This highlights the need to reach out to young people both before and after that transition period.

The NELEP has identified a current lack of engagement between the education sector and local businesses. An initiative such as this will help to close this gap.



### This information leaflet contains:

- Careers in Construction
- A Day in the Life
- Routes In
- Match the Skills
- Useful Resources



## Careers in Construction

There are an abundance of career roles within the construction industry. See some of these listed below:

- Project Manager
- Architect
- Quantity Surveyor
- 3D Modelling/BIM
- Site Labour
- Mechanical and Electrical Engineers
- Civil and Structural Engineer
- Business Development
- Client/Developer
- Environmental/Sustainability
- Events Management

*“You can dream, create, design, and create the most wonderful place in the world. But it requires **people** to make the dream a reality.” — Walt Disney*

## A Day in the Life of a Site Manager...

A Site manager’s daily tasks involve organising the work on building sites whilst making sure it’s completed safely, on time and within budget.

The job is extremely versatile and involves speaking with architects, surveyors and builders to ensure a project is on track and there are enough staff, machinery and materials to get the job done.



## Routes in...

### University

**Study for an academic or vocational degree**

Full-time degrees take 3 - 4 years to complete  
You can apply for higher-level jobs after graduation  
Time spent in lectures and seminars or on individual study - or can be via distance-learning  
1000's of courses to choose from, which could lead to careers in construction  
You'll pay tuition fees of up to £9,520 per year in the UK (correct as of 2020). Grants available.

### Apprenticeship

**Earn a wage whilst learning a specific job**

Takes 1 - 5 years to complete  
Start your career straight out of school  
Time split between your employer and a training provider  
Focus is on learning hands-on skills relating to a specific job role  
Over 100 roles can be entered through apprenticeships, with more being added  
Earn as you learn, with no tuition fees

### College Apprenticeship

**Develop skills to prepare you for the future**

Course lengths vary - from weeks to years!  
Gain further education and build technical, vocational or academic skills  
Study for NVQs, City and Guilds, Higher National Diplomas, BTECs, A-Levels or GCSEs  
Prepare for a specific career path or higher level qualifications

### T Levels

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## Activities

Now that you have more knowledge on the careers within construction and have watched our video resources, why not test yourself below. Match the Skills description to the correct job role.



### Architect

My job involves a lot of **problem solving** to calculate the stability, strength and rigidity of materials for each project.



### Site Manager

For my job I have to organise work on site, make sure it's completed safely using my **leadership** skills.



### Structural Engineer

In my role, I use my **creativity** to design and create the spaces around us.

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*"Building is about getting around the obstacles that are presented to you." – Jeremy Renner*

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## Useful Resources

<https://www.goconstruct.org/>

<https://www.northeastleap.co.uk/>

<https://www.skillsbuilder.org/framework>

<https://www.thecdi.net/write/CDI-Framework-Jan2020-web.pdf>

[https://www.thecdi.net/write/543\\_Gatsby\\_Benchmark\\_Toolkit\\_FINAL.pdf](https://www.thecdi.net/write/543_Gatsby_Benchmark_Toolkit_FINAL.pdf)

<https://www.careersandenterprise.co.uk/about-us/our-network/enterprise-adviser-resources>

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