

Inspiring a Career in Construction

About me

Name:

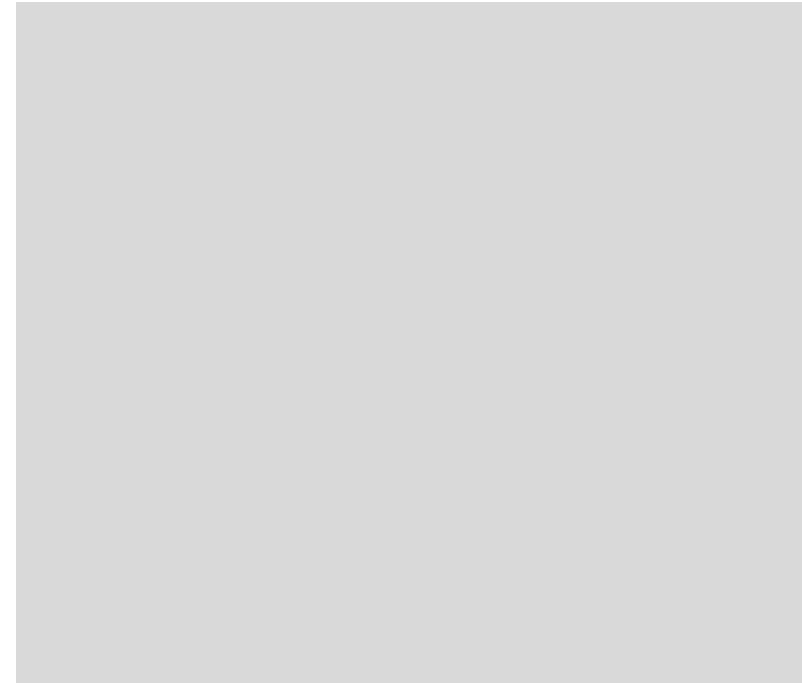
Add name here

Job title:

Add job title here

Why I'm here today:

Add a short summary of why you're here today



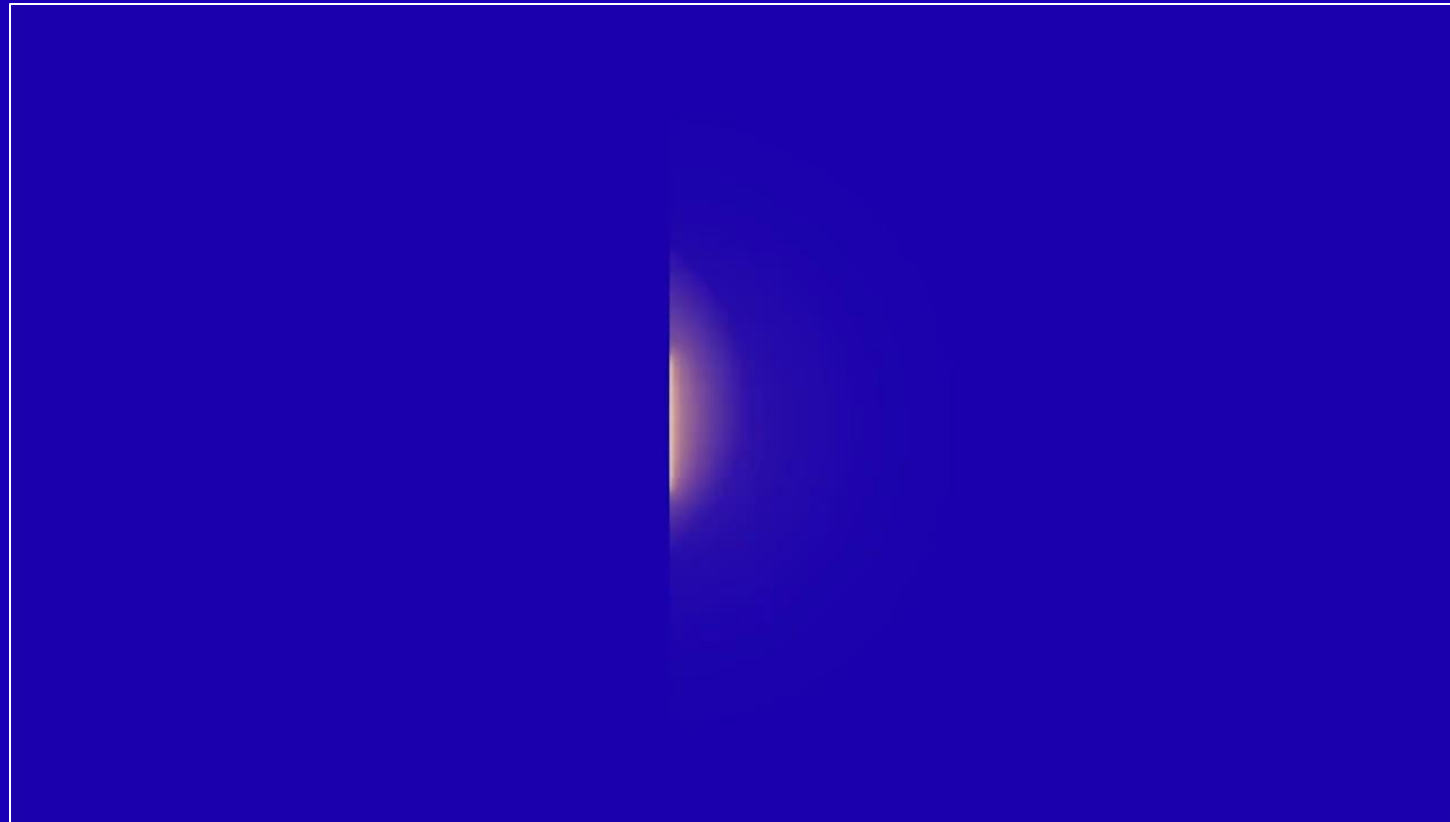
What is construction?

- The action of building something, this could be houses, schools, bridges or even roads
- Imagine playing with Lego – you take small pieces and put them together to create something bigger. In the same way, construction workers use materials like bricks, wood and metal to build real-life things
- Construction is important because it helps create the places where we live, learn and travel
- There are over 220 million people working in construction roles across the globe



Introducing Careers in Construction

Let's learn more about the different roles that work together in the construction industry.



The CIOB (30 Jul 2024) Think Construction: Animated video on careers in construction. Available at:
<https://www.youtube.com/watch?v=b7XT1eNpBQ8&list=PLLtLm1g49pKU538o3TrUOkht862pxABRx&index=11>
(Accessed: July 2024)

Jobs in construction

Architect

Business Development Manager

Building Safety Manager

Client Advisor

Clerk of Works

Commercial Director

Construction Director

Consultant

Demolition Expert

Designer

Energy Officer

Engineer

Environmentalism

Fire Safety Expert

Head of Sustainability

Heritage Expert

Land Manager

Legal Advisor

Marketer

Project Manager

Risk Manager

Site Management

Teacher/Lecturer

Town Planner

Website Designer

...plus many more!

Construction roles

Match the job role with the correct description

Building
Surveyor

Building Information
Modelling (BIM)
Manager

Construction
Project Manager

Contracts
Manager

Design
Manager

Makes sure building projects are finished on budget, on time and in line with clients' requirements. Salary £27,000 – £60,000+

Co-ordinates the design work across the entire construction process and plays an important role in the design of sustainable buildings. Salary £30,000 – £90,000

Responsible for building contracts, building costs and construction projects. May manage one large or several smaller contracts. Salary £25,000 – £57,000

Assesses the condition and structure of buildings and advises on repairs or alterations. Salary £22,000 – £70,000

Helps design and deliver a building using 3D computer models. Salary £20,000 – £80,000

Roles in construction

Quantity
Surveyor

Makes sure the construction project has the best possible impact on the environment, the well-being of end users and the community. Salary £25,000 – £60,000

Construction
Planner

Manages the day-to-day running of a construction project. Prepares sites before work begins, plans projects and oversees the work to make sure it meets specifications, budget and timescale. Salary £22,000 – £40,000+

Sustainability
Specialist

Helps to design and build large structures and buildings like hospitals, sports stadiums and bridges that are resilient to the impacts of climate change, such as extreme weather events. Salary £22,000 – £50,000

Structural
Engineer

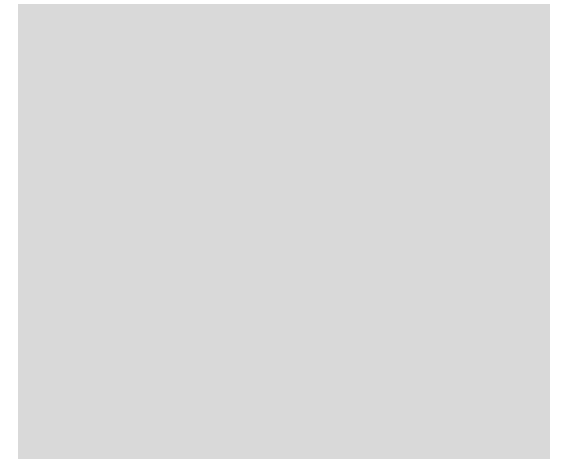
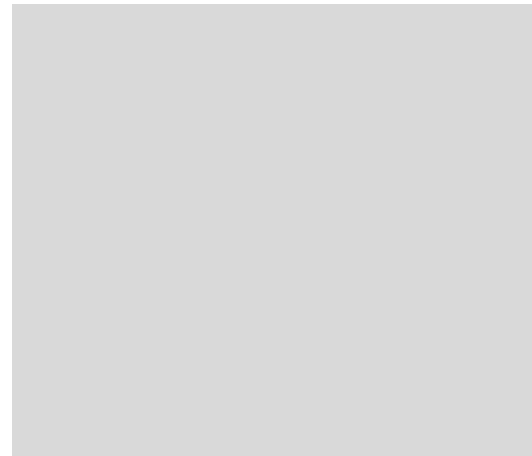
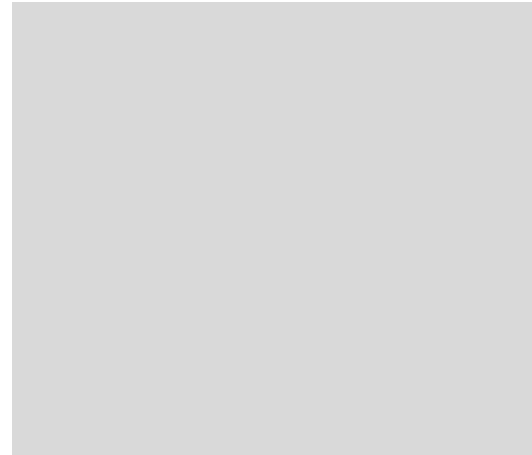
Works out how much a building costs to construct and tracks the finances and quality standard of the project. Salary £20,000 – £60,000

Construction
Site Manager

Creates a work programme to support the successful completion of a building project. Salary £25,000 – £60,000

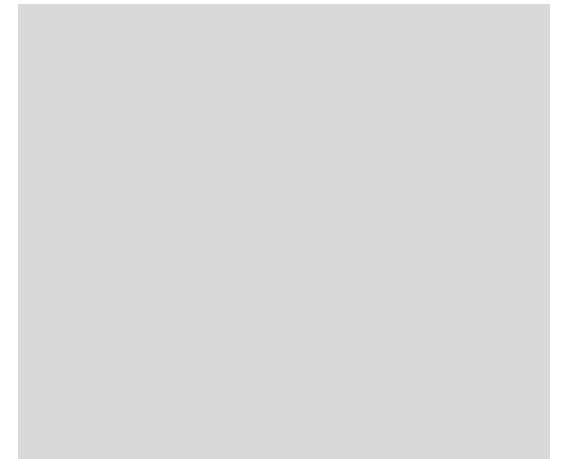
A day in the life of a...

Add your job title



My favourite parts of working in construction

- Add a bullet point list



Who are CIOB and what role do they play?

- The Chartered Institute of Building (CIOB) is a company known as a “professional membership body” which means those who are working in construction or studying construction can become a member of CIOB
- CIOB gives special certificates and qualifications to people and companies who learn about construction and become experts
- CIOB helps their members by giving advice and sharing new ideas to make construction better and safer all around the world
- CIOB improves the quality of life for the users and creators of the built environment
- CIOB encourages people to enter the construction industry and will support them at every stage of their career journey



Tackling key global issues

CIOB publishes important research on areas, such as:

- Improving the quality of the built environment to make sure buildings are strong and safe
- Understanding where there are gaps of knowledge and skills in construction to train people to learn these
- The impact of new technologies and ways of working, such as robots or computers, to help workers build faster and better
- Environmental sustainability to find ways to build that are good for the planet, such as using eco-friendly materials



How does the industry contribute to sustainability?

We need to take care of Earth, and the construction industry has a big impact on the planet

- Construction creates 40% of the world's carbon emissions (the gases that make our planet warmer)
- 11% of those come from building new things like houses, schools, or roads. That's a lot!
- We must invest in a diverse industry with a wide range of knowledge and skills to build a safer, greener future that helps protect the environment and reduce pollution



Sustainability roles in the built environment/construction industry

- Head of Sustainability / Sustainability Manager / Sustainability Officer or Co-ordinator
 - Health, Safety & Environment Manager
 - Geotechnical Engineer / Geo-Environmental Engineer
 - Water Resources Engineer
 - Energy Officer
 - Renewable Energy Construction Design Engineer
 - Sustainable Design Consultant
 - Landscape Architect
- ...plus many more!



Equality, Diversity and Inclusion (EDI) within the construction industry

- Many people from different backgrounds are not well represented in the industry, which creates gaps in the skills of workers around the world
- CIOB knows that giving everyone a fair chance and creating practices that includes all types of people can help build a stronger world that benefits everyone
- CIOB helps companies bring in and keep a diverse, talented team, which leads to success in global markets



Interests that could lead to construction roles...

- Nature/Wildlife/Environment/Gardening
- Animals/Pets
- Geography/Geology/Fossils/Water
- Recycling
- Problem-solving
- Science
- Innovation/Inventing
- Crafting/Making things/Art/Design
- Volunteering
- Politics or activism
- Writing/Communications



Interested to find out more?

<https://www.ciob.org/about>

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

<https://www.goconstruct.org/educational-resources/ultimate-quiz/>

<https://www.youtube.com/playlist?list=PLLtLm1g49pKU538o3TrUOkht862pxABRx>

Thank you