

For
14-19s

Construction and the built environment



The scene in Sheffield

What is construction and the built environment?

It's the largest employment sector in the UK, with people working in areas such as architecture, civil engineering, structural steelwork, surveying, plus building trades such as plumbing. There are more than 700 different jobs.



"You could be on a construction site or in an office, a workshop or a factory."

"It's for girls as well as boys."



"It's not just bricklaying and joinery."

"There are chances to work anywhere in the world..."



What's happening in the sector?

This sector never stays the same for long: when the economy is doing well there can be plenty of work but, in a recession, construction is one of the first industries to lose jobs.

- Despite the recent recession the future may be looking bright in Sheffield, e.g. Half of the top ten projects planned for Yorkshire and the Humber are in the Sheffield City Region. Building Schools for the Future, the biggest ever schools rebuilding programme, has now started in South Yorkshire.
- At present there is a big need for Construction Managers in Sheffield.
- The sector needs to become more environmentally friendly – this could mean new jobs, needing new skills, in the future.
- About 1 in 5 workers in this sector are over 50 so there could be more jobs for young people when they retire.

What jobs are there?

Job	Salary range (£)	Job	Salary range (£)
Architect	35,000-48,000	Construction Manager	38,500-47,000
Architectural Technician	29,000-39,000	Demolition Operative	17,000-25,000
Bricklayer	23,000-28,500	Labourer	15,000-21,000
Building Services Engineer	20,000-45,000	Plasterer	21,000-29,500
Carpenter	24,000-31,000	Quantity Surveyor	41,000-49,000
Civil Engineer	36,000-42,000	Structural Engineer	36,000-47,300

These are average rates of pay for fully qualified workers and the higher rates are for experienced staff. Pay rates in Yorkshire and The Humber may be lower. Many workers are self employed or work on short term contracts, this means that earnings will vary.

Sheffield futures

Want to know more?

www.getconnectedsheffield.com & www.applysheffield.org.uk – for local vacancies
www.apprenticeships.org.uk – for apprenticeship vacancies across the country
www.bconstructive.co.uk – for more information about this sector



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The routes in

If you're choosing options in Year 9 (or Year 8) pick a broad range of subjects. Good grades in Maths, Science and English are always important.

Some schools also offer qualifications which involve learning about the sector e.g.

- Diploma in Construction and the Built Environment or BTEC First Diploma in Construction
- Young Apprenticeships in Construction
- Vocational Skills Programmes in Construction

Ask at your school, use the *Look Ahead* booklet from Sheffield Futures or visit

www.applysheffield.org.uk

After Year 11 there are full time courses and work based learning at different levels:

- **Level 1** might be right for you if you're expecting grades E-G.
- **Level 2** normally needs some GCSE grades D.
- **Level 3** normally needs at least 4 or 5 GCSE grades A*-C.

If you have equivalent qualifications check whether you still need some GCSEs particularly in English and Maths.

Where can I learn after Year 11?

Here is a basic guide to opportunities in local colleges, sixth forms and work based learning.

Warning: This information can change – always check it on www.applysheffield.org.uk

Subject	Level 1	Level 2	Level 3
Job specific qualifications (e.g. NVQ)*			
Brickwork	Sheffield City College	HB Training, Sheffield City College	
Building Services Engineering			Best
Carpentry & Joinery	Sheffield City College	HB Training, Sheffield City College	
Construction (various trades)		Construction Skills, HB Training, Sheaf Training, Sprint Training	Construction Skills
Electrical Installation		Sheffield City College	Sheffield City College, JTL
Gas Installation & Maintenance		Best	Best
Heating & Ventilation		Best, Sheffield City College	Best, JTL
Painting & Decorating	Sheffield City College	Sheaf Training, Sheffield City College	
Plumbing		Best, Sheffield City College	Best, JTL
Signmaking & Environmental Graphics	Sheffield City College	Sheffield City College	
Work related qualifications (e.g. Diploma or BTEC)			
Construction/ Built Environment	Sheffield Academies	Sheffield City College, Sheffield Academies	Sheffield City College
General qualifications			
A Levels*			All colleges and sixth forms

*You normally complete Levels 1-2 before Level 3

Sheffield City College is part of The Sheffield College

A Levels*: You may need Maths and Sciences (e.g. Physics) for some university courses, always check it on www.ucas.com

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