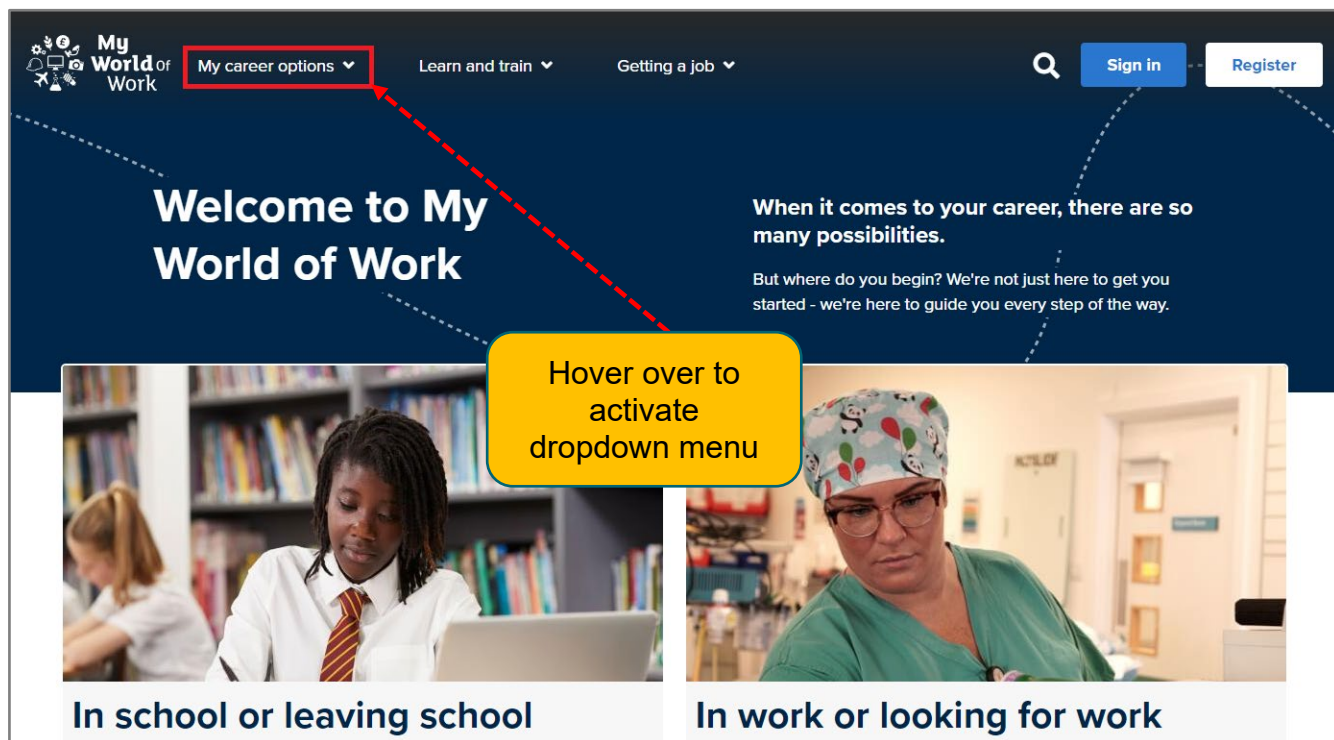


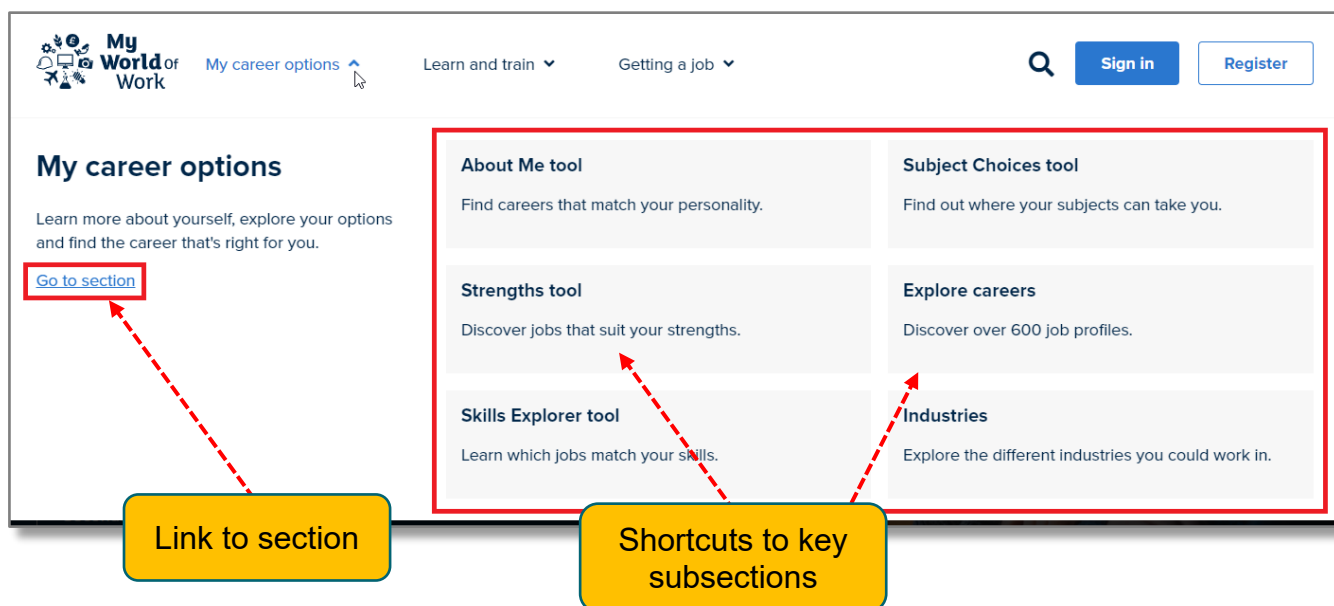
My Career Options

Find out what career options your education, experience, skills and strengths can open up for you. Explore the job profiles, industries and Modern Apprenticeship opportunities that could suit your interests and ambition.

From the Home page, hover over 'My career options'



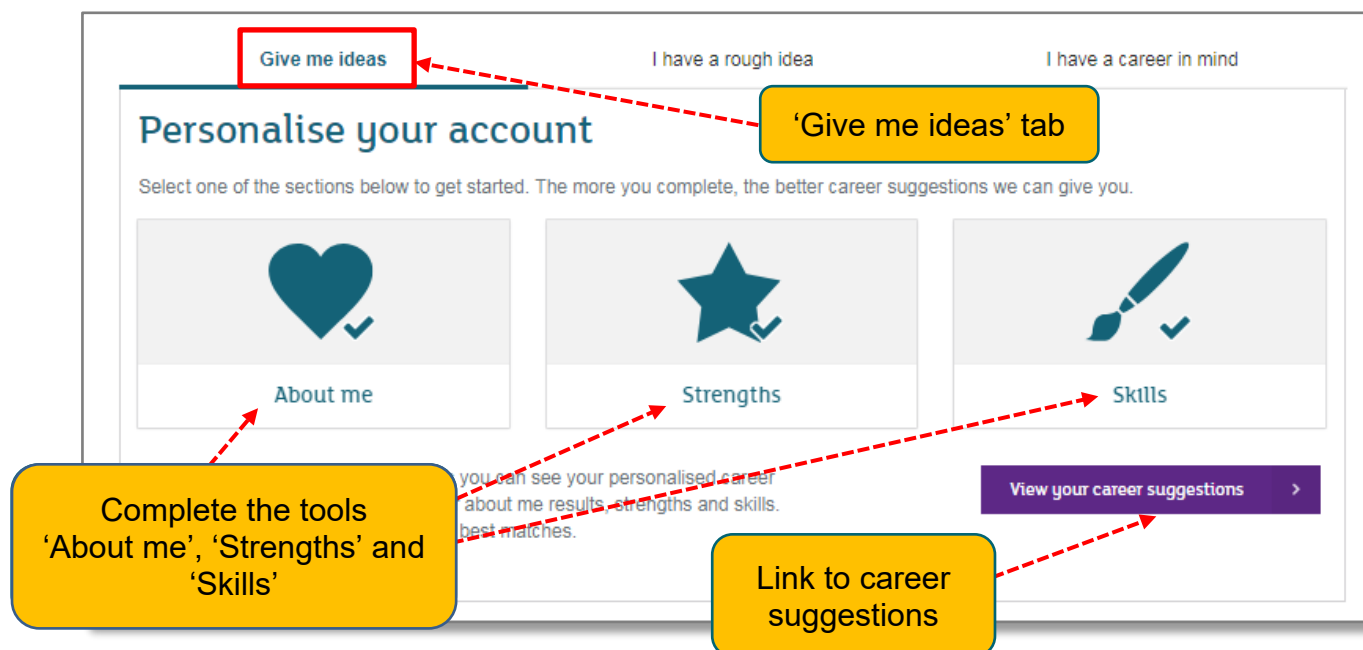
and click 'Go to section' on the pop-up that appears:



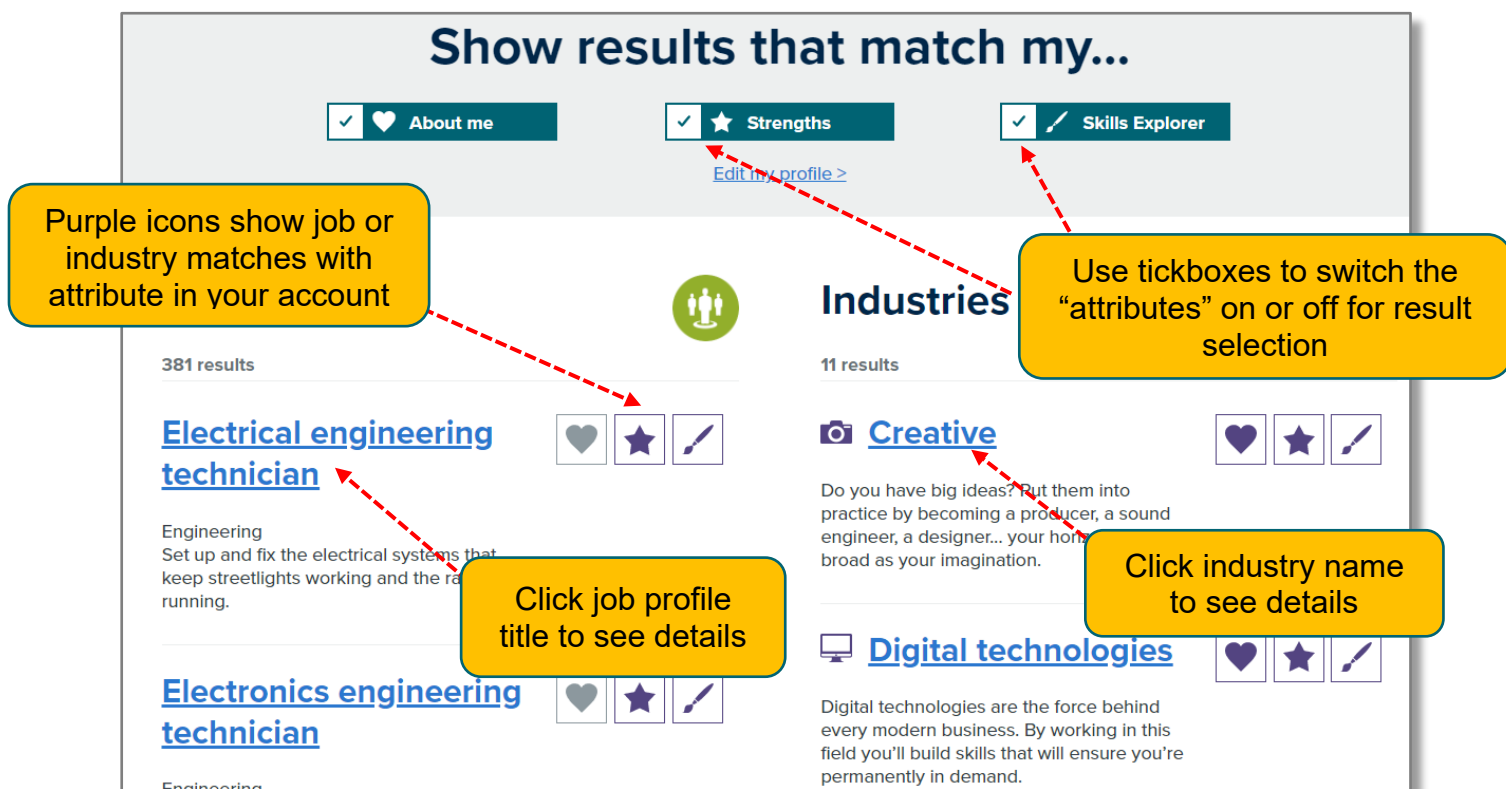
How to guides

This takes you to the [My Career Options](#) screen, where you can see which tools you have completed and add more personalisation to your account. You can view career suggestions; find out about a job, industry or type of work you may already have in mind; or browse job profiles and categories, across the three tabs.

“Give me ideas” will suggest careers, industries, etc. based on your results from the three core tools ‘[About me](#)’, ‘[Strengths](#)’ and ‘[Skills](#)’:



Career suggestions are shown in categories, starting with Job Profiles and Industries:



How to guides

Further down the right side of the page there are links to related job categories

[Furniture designer](#)



Design, arts and crafts

Design attractive and practical pieces of furniture that people will buy for their homes or workplaces

[Game designer](#)



Computing and ICT

Create games which might be played by millions of people on computers, consoles and mobiles.

[Costume designer](#)



Design, arts and crafts

Design clothes and costumes for theatre, film or television productions to help make the characters feel real to the audience.

[Graphic designer](#)



Design, arts and crafts

Use your creative skills to design the look of websites, packaging, adverts and more.

[Product designer](#)



Design, arts and crafts

Create the look and feel of items that people use every day.

[View all job profiles](#) >

Related job categories

- [Engineering](#) >
- [Construction and building](#) >
- [Administration, business and management](#) >
- [Print and publishing, marketing and advertising](#) >
- [Computing and ICT](#) >
- [Design, arts and crafts](#) >
- [Healthcare](#) >
- [Performing arts and media](#) >
- [Financial services](#) >
- [Animals, land and environment](#) >
- [Science, mathematics and statistics](#) >
- [Security, uniformed and protective services](#) >
- [Hospitality, catering and tourism](#) >
- [Manufacturing and production](#) >
- [Retail and customer services](#) >
- [Education and training](#) >
- [Transport, distribution and logistics](#) >
- [Legal and court services](#) >
- [Social work and caring services](#) >
- [Heritage, culture and libraries](#) >
- [Sport and leisure](#) >
- [Garage services](#) >
- [Hairdressing and beauty](#) >
- [Languages](#) >
- [Social sciences and religion](#) >
- [Facilities and property services](#) >

Click category
to see matching
job profiles

How to guides

The 'I have a rough idea' tab encourages you to explore options based on the type of work that interests you:

The screenshot shows the 'My career options' page. At the top, the title 'My career options' is followed by the subtitle 'Learn more about yourself, explore your options and find the career that's right for you'. Below this are three tabs: 'Give me ideas', 'I have a rough idea' (highlighted with a red box and a callout), and 'I have a career in mind'. The 'I have a rough idea' tab is active, displaying the heading 'Think you know the type of thing you'd like to do - but not sure of the exact job?'. Below this heading is a paragraph: 'We can give you a hand. We've grouped these careers together under these six headings. Pick the one that feels closest to what you're interested in, and we'll show you the kind of jobs you could do.' There are six categories, each with an icon, a description, and a blue button: 'Create' (lightbulb icon, 'Creating new things and expressing ideas'), 'Discover' (magnifying glass icon, 'Exploring problems and finding answers'), 'Produce' (cubes icon, 'Making and fixing things'), 'Protect' (shield icon, 'Defending peoples' rights and protecting them'), 'Care' (heart icon, 'Teaching and caring for others'), and 'Support' (person with clipboard icon, 'Supporting customers and organising things'). Red dashed arrows point from a yellow callout box 'I have a rough idea' tab to the 'I have a rough idea' tab, and from another yellow callout box 'Verbs' representing types of work to the 'Create', 'Discover', 'Produce', 'Protect', 'Care', and 'Support' buttons.







My career options

Learn more about yourself, explore your options and find the career that's right for you

Give me ideas **I have a rough idea** I have a career in mind

Think you know the type of thing you'd like to do - but not sure of the exact job?

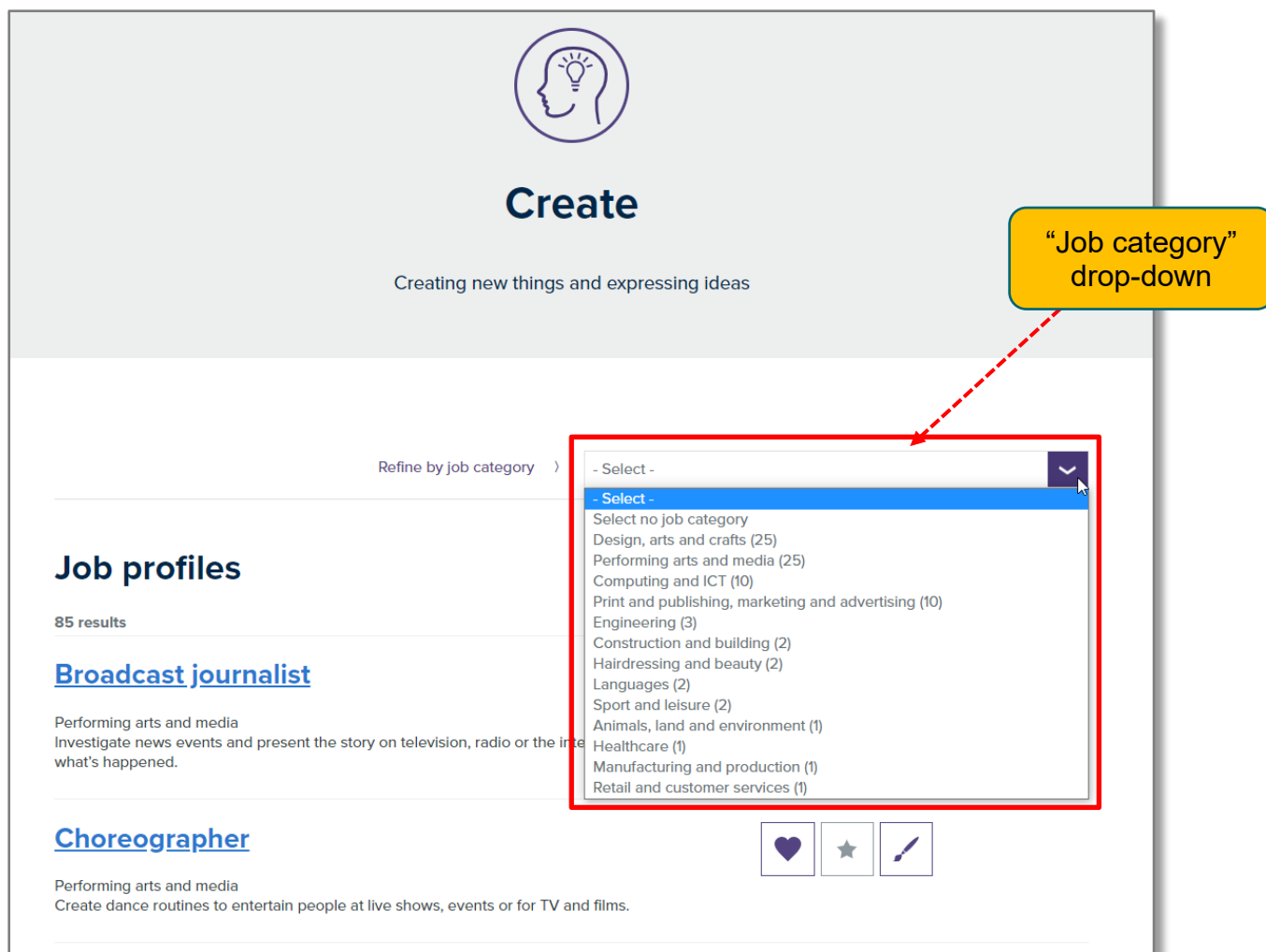
We can give you a hand. We've grouped these careers together under these six headings. Pick the one that feels closest to what you're interested in, and we'll show you the kind of jobs you could do.

 Creating new things and expressing ideas Create	 Exploring problems and finding answers Discover	 Making and fixing things Produce
 Defending peoples' rights and protecting them Protect	 Teaching and caring for others Care	 Supporting customers and organising things Support

"Verbs" representing types of work

How to guides

Selected job profile results can then be refined using the job category drop-down option:



The screenshot shows the 'Create' section of a website, which is used for creating new things and expressing ideas. It features a 'Job profiles' section with 85 results. Two job profiles are listed: 'Broadcast journalist' and 'Choreographer'. A red dashed arrow points from a yellow callout box labeled '“Job category” drop-down' to a drop-down menu. The menu is open, showing a list of job categories with their respective counts in parentheses. The categories are: Design, arts and crafts (25), Performing arts and media (25), Computing and ICT (10), Print and publishing, marketing and advertising (10), Engineering (3), Construction and building (2), Hairdressing and beauty (2), Languages (2), Sport and leisure (2), Animals, land and environment (1), Healthcare (1), Manufacturing and production (1), and Retail and customer services (1).

Create
Creating new things and expressing ideas

Refine by job category >

Job profiles
85 results

Broadcast journalist
Performing arts and media
Investigate news events and present the story on television, radio or the internet about what's happened.

Choreographer
Performing arts and media
Create dance routines to entertain people at live shows, events or for TV and films.

- Select -
- Select -
Select no job category
Design, arts and crafts (25)
Performing arts and media (25)
Computing and ICT (10)
Print and publishing, marketing and advertising (10)
Engineering (3)
Construction and building (2)
Hairdressing and beauty (2)
Languages (2)
Sport and leisure (2)
Animals, land and environment (1)
Healthcare (1)
Manufacturing and production (1)
Retail and customer services (1)

How to guides

The 'I have a career in mind' tab lets you search by keyword, browse a full A-Z list of job profiles, select from a list of categories or view industry information.

If you leave the keyword search field blank and click the search button you will see all job profiles and related job categories)

The screenshot shows the 'My career options' page on the 'My World of Work' website. The page has a dark blue header with navigation links: 'My career options', 'Learn and train', and 'Getting a job'. A search bar and a user profile 'Fiona' are on the right. The main content area is titled 'My career options' with the subtitle 'Learn more about yourself, explore your options and find the career that's right for you'. Below this, there are three tabs: 'Give me ideas', 'I have a career in mind', and 'See all'. The 'I have a career in mind' tab is selected. It contains a search bar labeled 'Search careers content' and three buttons: 'View job profiles A-Z', 'View job categories', and 'View industries'. Annotations in yellow boxes with red dashed arrows point to these elements: 'I have a career in mind' tab, 'Search careers and industries by keyword' (pointing to the search bar), 'A-Z job profiles' (pointing to the 'View job profiles A-Z' button), 'Job categories' (pointing to the 'View job categories' button), and 'Industries' (pointing to the 'View industries' button').

'Search by keyword' results:

The screenshot shows the 'Search' results page. At the top, there is a search bar with the text 'Search for a job or industry'. Below the search bar, the page is divided into two main sections: 'Job profiles' and 'Related job categories'. The 'Job profiles' section shows 613 results and lists three job profiles: 'Bookbinder or print finisher', 'Bus or coach driver', and 'Ceramics designer or maker'. Each job profile has a brief description and icons for heart, star, and share. The 'Related job categories' section lists various job categories such as Healthcare, Engineering, Construction and building, Animals, land and environment, Administration, business and management, Design, arts and crafts, Education and training, Performing arts and media, Print and publishing, marketing and advertising, Computing and ICT, Security, uniformed and protective services, Financial services, Science, mathematics and statistics, Hospitality, catering and tourism, Manufacturing and production, Transport, distribution and logistics, Retail and customer services, and Social work and caring services.

A-Z job profiles:

Job profiles A-Z

Choose a profile to see more about the job and find out how you can get into that career. Or create [an account](#) and complete our tools to get personalised career suggestions.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

3

[3D Printing specialist](#)

A

[Accommodation warden](#)

[Accountant- Public finance](#)

[Actor](#)

[Administrative assistant](#)

[Advertising account planner](#)

[Advocate's clerk](#)

[Agricultural engineer](#)

[Aircraft maintenance engineer](#)

[Airport information assistant](#)

[Ambulance technician](#)

[Animal technician](#)

[Accountant- Management](#)

[Accounting technician](#)

[Actuary](#)

[Administrative officer \(courts\)](#)

[Advertising copywriter](#)

[Aerospace engineer](#)

[Air cabin crew](#)

[Airline customer service agent](#)

[Ambulance care assistant](#)

[Anatomical pathology technician](#)

[Animator](#)

[Accountant- Private practice](#)

[Accounts assistant](#)

[Acupuncturist](#)

[Advertising account executive](#)

[Advocate](#)

[Agricultural consultant](#)

[Air traffic controller](#)

[Airport baggage handler](#)

[Ambulance paramedic](#)

[Animal care worker](#)

[Antique dealer](#)

Job categories:

Explore careers

We've grouped similar careers together to make it easy for you to explore. Select a category and use the job profiles to find out more about each career. Or get personalised career suggestions by [logging in or creating an account](#) and completing the tools.

Administration, business and management

Administration, business and management

Alternative therapies

Animals, land and environment

Computing and ICT

Construction and building

Design, arts and crafts

Education and training

Engineering

Facilities and property services

Financial services

Garage services

Hairdressing and beauty

Healthcare

Heritage, culture and libraries

Hospitality, catering and tourism

Languages

Legal and court services

Manufacturing and production

Performing arts and media

Print and publishing, marketing and advertising

[Administrative assistant](#)

[Business development manager](#)

[Civil service administrative officer](#)

[Compliance officer](#)

[European Union official](#)

[Health service manager](#)

[Local government administrative assistant](#)

[Management consultant](#)

[Operational researcher](#)

[Purchasing manager](#)

[Registrar of births, deaths, marriages and civil partnerships](#)

[Trade union official](#)

[Personal assistant](#)

[Receptionist](#)

[Scrum Master](#)

[Trading standards officer](#)

[Continuity specialist](#)

[Fundraiser](#)

[Government secretary](#)

[Healthcare development officer](#)

[Records clerk](#)

[Secretary](#)

[Government revenues officer](#)

[Member of Parliament \(MP\)](#)


[Project manager](#)

[Recruitment consultant](#)

[Secretary](#)

How to guides


Job profiles show details of the role and working conditions, together with salary and employment statistics. Where available there are short videos of people who are actually doing the job talking about what it's like and how they got into it.


**My World of Work**

My career options ▾

Learn and train ▾

Getting a job ▾





Fiona 

Home // My Career Options // Civil engineer

Civil engineer

Alternative job titles: structural engineer

Job category: [Construction and building](#)
Pathways: [Produce](#)

**Bookmark****Share**

Page contents ▾


Career outlook for civil engineer



Figures and forecasts for roles at the same level, which require similar skills and qualifications.

Average UK salary	Currently employed in Scotland
£41,080	14,400

"[LMI for All](#)" supplies our salary and employment status information. "[Oxford Economics](#)" supplies job forecasts and employment figures.

Due to COVID-19 the jobs market is constantly changing. Some of the information may not reflect the current situation.

**Skills Development Scotland**



0:00 / 1:18

What it's like and working conditions:

What's it like?

You would plan, design and manage construction for infrastructure projects like transport, water, flood alleviation, building structures, etc.

You'd explain your ideas to the client and make sure that the project is finished on time and to budget.

The projects you'd work on could be anything from bridges and tall buildings to transport links and sports arenas.

You could work in one of these specialist areas:

- Structural - dams, buildings, offshore platforms and pipelines
- Transportation – roads, railways, canals and airports
- Environmental – water supply networks, drainage and flood barriers
- Maritime – ports, harbours and sea defences
- Geotechnical – mining, earthworks and construction foundations.

You might work on feasibility and design, preparing drawings, models and specifications in a design office, or work on site ensuring the construction work is completed accurately, on time and to budget.

At the start of the project you would:

- Plan the project requirements with your client and colleagues
- Use computer modelling software to analyse data from surveys, tests and maps
- Create computer aided designs and models
- Assess the environmental impact and the risks of a project

Once a project is underway you would:

- Direct and check the progress during each stage of a project
- Make sure the construction site meets the legal, and health and safety, requirements.
- Report to your clients, public agencies and planning organisations

You'd work closely with other professionals such as architects, other engineering disciplines, surveyors and building contractors.

Working conditions

Hours

You would normally work between 35 and 40 hours a week, Monday to Friday. You may also have to provide out-of-hours cover to deal with any problems.

Environment

If working for a design consultancy, your time would be split between an office and the project site. If working for a contractor building the project, you would spend most of your time on site, which could be in all weathers.

Travel

Site work may involve a lot of travel. Depending on the contract, you may sometimes need to travel overseas.

UK employment status

Full-time

85%

Part-time

5%

Self employed

11%

Create a qualification route

We've found some examples of the qualifications that could help you get this job.

[Discover my route](#)


The job profile also shows what is required to get into the job and the related skills:

Top skills and how you match

Here are some of the skills that people in this job would be most likely to have including those that match your skills:

✓ **Relevant skills you have:**

- Cooperating
- Verbal communication
- Working with technology
- Problem solving
- Attention to detail
- Developing a plan

 **Skills you could work on:**

- Observation
- Researching
- Time management

Skills Explorer

Your skills can help you choose the career that's right for you. You can build your skills through work, study or activities you do in your spare time.

To understand more, have a look at [What are my skills?](#)

Our Skills Explorer tool will help you understand what skills you have and match them to jobs that might suit you.

[Use the Skills Explorer tool](#)

Getting in

Related careers

Related industries

More information

Getting in

Entry requirements for courses can change. Always contact the college, university or training provider to check exactly what you'll need.

Foundation Apprenticeships

Choosing a Foundation Apprenticeship as one of your subjects in S5 and S6 can help you get a head start with this type of job.

You'll get an SCQF level 6 qualification (the same level as a Higher) plus valuable work placement experience and skills you can't learn in a classroom.

Interested? Find out what's on offer at your school on [Apprenticeships.scot](#).

Qualifications

You can become a civil engineer by doing a Modern Apprenticeship, Graduate Apprenticeship, or part-time or full-time college or university courses leading to qualifications such as SVQ, NC, HNC, HND, BEng or MEng degrees. There are clear progression routes from each level.

You can enter Higher National Certificate (SCQF level 7) or Higher National Diploma courses (SCQF level 8) with National 5 qualifications and one to two Highers or a relevant National Certificate.

To enter a BEng or MEng degree (SCQF level 9/10) usually requires National 5 qualifications and four to five Highers or a relevant HND.

Useful subjects

Most courses require:

- English
- Maths
- Physics, another science or Engineering Science

Helpful to have

Civil engineering covers a wide range of subjects, so any science, social science or artistic/creative subjects will help. Other skills outside of academic qualifications are very important, such as communication, teamwork, problem solving, creativity and resilience.

Related career suggestions:

Getting in

Related careers

Related industries

More information

Click on job title to view details

Related careers

Related Job Profiles

Building standards officer (local authority)

Architectural technician

Architect

Construction plant operator

Roofer

Architectural technologist

Demolition operative

Scaffolder

Bricklayer

Dry liner

Shopfitter

Builders' merchant

Electricity distribution worker

Steeplejack or lightning conductor engineer

General practice surveyor

Stonemason

Structural engineer

Building surveyor

Glazier

Technical surveyor

Building technician

Land surveyor

Town planner

Carpenter or joiner

Landscape architect

Town planning support staff

Carpet fitter or floor layer

Leakage operative

Wall and floor tiler

Cavity insulation installer

Minerals surveyor

Water treatment worker

Ceiling fixer

Painter and decorator

Window fitter

Civil engineering technician

Planning and development surveyor

Clerk of works

Plasterer

Construction manager

Plumber

Construction operative

Quantity surveyor

Construction plant mechanic

Road worker

Discover other types of job like this

Civil engineer belongs to the pathway: Produce

Explore other jobs which are part of this pathway.

Produce

Making and fixing things

View similar jobs

How to guides

What's it like?

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Travel

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UK employment status

Full-time	Part-time	Self employed
85%	5%	11%

Create a qualification route

We've found some examples of the qualifications that could help you get this job.

Discover my route

Some job profiles also have functionality that lets you build a route to a particular job:

Clicking on 'Discover my route' will allow a series of qualification options to be selected

Your route to: Civil engineer

Your route

National 4

National 5

Construction: Technical Modern Apprenticeship Level 3

Construction: Technical Technical Apprenticeship Level 4

Restart



Civil engineer

This selection will complete your route and you will exit the qualification route tool. Alternatively where other options appear you can continue building your route.

Professional Apprenticeship Level 5

Construction

SCQF 11

View more

Qualification routes are examples of some of the ways you can get into a particular career. If you feel they're not right for you, other options are available. Find out more about your options by speaking to your school careers adviser. If you've left school, you can get in touch with your [local careers centre](#).

My World of Work

My career options
Learn and train
Getting a job

Fiona

Home
My Career Options
Civil engineer
Qualification route

Your route to Civil engineer

Here's your chosen qualification route.

National 4

SCQF 4

National 4 qualifications are the same level as previous General level Standard Grades and Intermediate 1 qualifications. They're graded pass or fail and typically take one year to complete.

Subjects such as English, Maths, and Physics may be useful.

1

National 5

SCQF 5

National 5 qualifications are the same level as previous Credit level Standard Grades or Intermediate 2 qualifications. They're graded A-D or 'no award' and typically take one year to complete.

Subjects such as English, Maths, and Physics may be useful.

2

Construction: Technical Modern Apprenticeship Level 3

Construction: Technical

SCQF 6/7

Modern Apprenticeships (MAs) are a job where, as well as earning a wage, you'll study towards a qualification. You need to be 16 to become a Modern Apprentice. The length of an MA varies depending on your previous skills and the type of apprenticeship. Employers will have their own entry requirements but will generally take into account experience alongside any formal qualifications.

[Find an apprenticeship](#)

3

Construction: Technical Modern Apprenticeship Level 4

Construction: Technical

SCQF 8/9

Technical Apprenticeships offer you paid employment while working towards a recognised qualification. You need to be aged 17 or over. Technical Apprenticeships can lead to junior supervisory and management roles. They typically take up to one year full time to complete. Qualifications at SCQF level 5 and 6 and/or relevant work based experience may be required.

[Find an apprenticeship](#)

4

Construction Professional Apprenticeship Level 5

Construction

SCQF 11

Professional Apprenticeships are an opportunity to gain recognised qualifications while working. You need to be aged 17 or over, in paid employment and have relevant experience. Professional Apprenticeships offer qualifications at an advanced level and are designed to provide training for senior supervisory and management level employment. They typically take up to one year full-time to complete. Qualifications at SCQF 7 and above or relevant work based experience may be required.

[Find an apprenticeship](#)

5

Well done! You've reached the end of your route.

Civil engineer

You can bookmark your route to your account.

Bookmark

Choose another route

How to guides

Underneath the 'My career options' search options, there's also a selection of resources which use text and video to provide you with more information on the things you need to know and think about when considering your career options.



Where can your option choices take you?

Thinking about what subjects to take in school? We can help with our Option Choices tool.



What are my strengths?

Strengths are things you're naturally good at. If you're good at something, you'll find it easier. That means you'll feel more confident and engaged, and you'll perform better. Sounds good, right?



What are my interests?

Things which make you happy, that you can spend hours doing. These are your interests. But how do they relate to your career?



Show off your skills

Let's get to grip with skills – why they're important and how to build yours.



Employment options

It makes sense to think about how you'd like to work when you're deciding on a career. From self-employment to home working, flexible hours and shifts, we explore the options.



Changes in my career

From new jobs to retraining and unexpected twists and turns, be prepared for change throughout your working life. Whether it's redundancy, changes or career progression, what matters most is understanding how to make the right decisions.



How to build confidence

Feeling confident is important not just in your career, but in every part of your life.