

CAREERS ACTIVITIES LINKED TO KEY INDUSTRY SECTORS

CONSTRUCTION CAREERS ACTIVITY (KS4)

Whether you know exactly what job you want to do and how to get there, or whether you aren't sure just yet, researching the job roles within different industry sectors will help you to expand your knowledge and help you understand the learning pathways, skills and qualifications which potential employers may be looking for from young people entering their industry sector.

During this activity you will be able to explore these different job roles, begin to look in more detail at specific job roles and then use labour market information to understand what type of employers you could end up working for.

As part of this series of careers activities you will be given the opportunity to explore the many careers that may be open to you should you wish to take up a role within the Construction industry sector.

SECTION 1 WHAT IS CONSTRUCTION?

Let's start by understanding exactly what is meant by Construction and the different job roles that are within the industry.

[Watch this short video developed by Go Construct.](#)

You should be able to watch this video on your mobile phone or on your computer.

Can you list below 10 different types of job roles within the Construction Industry?

Please don't focus just on the roles featured within the video try and research some more by exploring the internet.

Name of Job Role

1	
2	
3	
4	
5	
6	
7	
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9	
10	

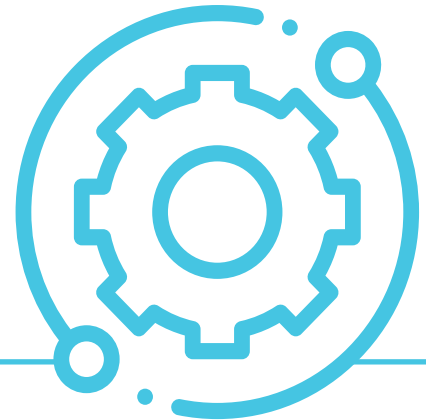


SECTION 2

ROUTES INTO CONSTRUCTION

Visit this [web page](#) to help you understand the different entry routes you could take to join the CONSTRUCTION sector.

Lets us explore these routes in more details.



THE TECHNICAL ROUTE

Known as Tech levels or T-levels, these include qualifications such as BTECs and NVQs in CONSTRUCTION, ICT and construction & the built environment.

Vocational courses prepare you for a particular job, industry or sector. They are often very practical and may include coursework assignments related to real-work scenarios, as well as links with employers. Vocational courses are offered at different levels and can lead onto apprenticeships, higher education (university) and employment

Research and answer the following questions about the TECHNICAL route into Construction.

1. Using the internet can you research and list 5 x job roles which you think might suit the TECHNICAL Entry route?

2. Using the internet can you research and list the local colleges or training providers who offer T'level opportunities in Worcestershire?

3. What do you think are the benefits of choosing the TECHNICAL ROUTE into Contruction?

THE APPRENTICESHIP ROUTE



Apprenticeships allow you to earn money, combining on-the-job training with study. They can open doors to a wide variety of CONSTRUCTION jobs and can be taken at different levels, including intermediate, higher and degree apprenticeships.

You will generally need a minimum of five GCSEs (or equivalent) including English, maths and science or technology subjects, often at grades 9 to 4 (A* to C) due to competition for places.

Watch the short video by clicking on the link below to explore the options open to you if you choose to follow the Apprenticeship route. [Video - Apprenticeship Route](#)

Research and answer the following questions about the APPRENTICESHIP route into CONSTRUCTION.

- 1.** [Using this link](#), take the CAREER EXPLORER quiz below and list the 5 x job roles which best suit you and your interests in the table. Note: You can select more than one of the tick box options within the quiz.

1
2
3
4
5

- 2.** Using the internet can you research and list some companies in Worcestershire that offer Construction Apprenticeships?

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- 3.** What do you think are the benefits of choosing the APPRENTICESHIP ROUTE into Construction?

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THE UNIVERSITY ROUTE

After completing your A-Levels, T-levels, IB, Highers, BTEC Level 3 or equivalent, you may decide to go on to study a subject relating to Construction at university.

Students would usually complete a university course over a period of three to four years. Depending on the subject, these courses combine coursework, exams and practical learning also. It is possible to study your degree part time and in your private time. Students would normally focus on one course which would support their entry into a specific job role.

You normally need to have studied maths, English and Science or a related vocational course to Level 3, in order to apply to construction degrees at university

Research and answer the following questions about the **UNIVERSITY route into CONSTRUCTION.**

- 1.** Using this [document](#) can you explore and list the different Construction courses you could study at University?

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- 2.** Can you list 5 x job roles which you could undertake once you have completed a construction related degree at university? Do any of these job roles match the results of your Careers Explorer quiz?

1	
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- 3.** Using the internet can you research and list some local, regional and nationally based universities where you could study Construction related degrees?

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SECTION 2

EXPLORING JOB PROFILES

To help you understand and obtain more information about a variety of these job roles you can begin to explore their "Job Profiles".

A job profile should give you key information about the role including entry routes, qualifications, potential earnings and the tasks the job involves.

Using this link can you explore the following [JOB PROFILES](#) and then answer these questions for each of the job roles?



CONSTRUCTION / SITE MANAGER

1. How many hours per week would you expect to work as a CONSTRUCTION / SITE MANAGER ?

2. Can you name the qualifications which might help you become a CONSTRUCTION / SITE MANAGER ?

3. What would the starting salary be for a fully qualified CONSTRUCTION / SITE MANAGER be?

4. What "Work Experience" could you undertake before looking to become a DESIGN ENGINEER?

5. Can you write a paragraph about the tasks you might be required to undertake as a CONSTRUCTION / SITE MANAGER ?

[Why not watch this short video about Steve who is a Site Manager and works for Redrow construction?](#)



HEALTH AND SAFETY MANAGER / INSPECTOR

1. How many hours per week would you expect to work as a HEALTH AND SAFETY MANAGER / INSPECTOR?

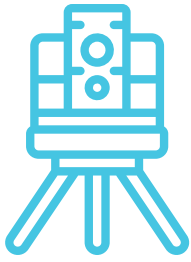
2. Can you name the qualifications which might help you become a HEALTH AND SAFETY MANAGER / INSPECTOR ?

3. What would the starting salary be for a fully qualified HEALTH AND SAFETY MANAGER / INSPECTOR ?

4. Can you write a paragraph about the tasks you might be required to undertake as a HEALTH AND SAFETY MANAGER / INSPECTOR ?

5. Can you list 3 x employers in Worcestershire where you could be employed as a HEALTH AND SAFETY MANAGER / INSPECTOR ?

[Why not watch this short video about Charlotte who is a Health and Safety Manager working for Redrow Construction?](#)



CIVIL ENGINEER

1. How many hours per week would you expect to work as a CIVIL ENGINEER?

2. Can you name the qualifications which might help you become a CIVIL ENGINEER?

3. What would the starting salary be for a qualified CIVIL ENGINEER?

4. Can you write a paragraph about the tasks you might be required to undertake as a CIVIL ENGINEER?

5. Can you list 3 x employers in Worcestershire where you could be employed as a CIVIL ENGINEER?

[Why not watch this short video about Bobby who is a Civil Engineer and works for Robertson Civil Engineering?](#)

BUILDING OUR FUTURE!!!



You should now have a better understanding of the **CONSTRUCTION INDUSTRY** and some of the roles you could choose if you wanted to enter this industry sector.

Your next task will be to look to the future and use your imagination to look at how Construction could change the way we live in the future.

Can you think of some ways in which the construction industry could change the way we live in the future?

In the free text box below provide some details of your ideas, what you are setting out to achieve by developing this new way of working and then provide some details of how some of the different job roles within the construction industry played their part in achieving this.

If you are feeling artistic why not create an example drawing of what your idea may look like?

Why not watch these short videos as they might give you some inspiration?

[BUILDING THE FUTURE - WATER](#)

[BUILDING THE FUTURE - ARCHITECTURE](#)

[BUILDING THE FUTURE - SKYSCRAPERS](#)

[BUILDING THE FUTURE - CITY IN THE SKY](#)

