

# Get Work Ready



Your Choices

## Maths

**DYW**

**EDINBURGH, MIDLOTHIAN  
& EAST LOTHIAN**

Developing the  
Young Workforce

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# Jobs in Maths



Click on the job title for more information!

## Activity

Can you think of any more jobs that use Maths subjects? Fill in the blank leaves to create your own jobs tree.





## Research

Choose two interesting jobs from the tree and answer the following questions. You'll need to do some research to find the answers using the internet or other resources.

A great place to start is the My World of Work job profiles here: [www.myworldofwork.co.uk/my-career-options/job-profiles](http://www.myworldofwork.co.uk/my-career-options/job-profiles)

**Job title**

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**Which industry is this job in?**

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**What is the average salary of this job?**

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**What subjects would be useful for this job?**

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**What pathway(s) can you take to get this job?**

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**Job title**

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**Which industry is this job in?**

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**What is the average salary of this job?**

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**What subjects would be useful for this job?**

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**What pathway(s) can you take to get this job?**

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# Transferable Skills

## Discussion

In groups, with a parent/carer, or with a friend, think about the different transferable skills you have seen throughout this pack and talk about which skills you think are most needed in the world of work.

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## Activity

Look back through the employer spotlights and count how many times each transferable skill is mentioned. Which one was the most popular? Which one was mentioned the least?

**Networking**

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**Problem-Solving**

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**Teamwork**

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**Communication**

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**Organisation**

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**Time Management**

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**Adaptability**

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**Resilience**

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**Creativity**

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**Leadership**

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**Curiosity**

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**Integrity**

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Were there any other transferable skills mentioned that are not on the above list? Write them here.

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## Reflection – What transferable skills do I have?

On your own, think about which transferable skills you might already have. Choose three transferable skills from the list above and give examples of times that you have used these skills.

You can take these examples from the classroom, sports, volunteering or doing chores. For example, you can develop your communication skills through working on a project with classmates.

### Transferable Skill

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### Example of a time that I used this skill

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### Transferable Skill

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### Example of a time that I used this skill

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### Transferable Skill

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### Example of a time that I used this skill

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## Activity

Think about your dream job. It can be anything at all – a real job that you have learnt about today or even a fictional job in an industry that doesn't exist yet! Real or fictional – pretend that you are in this dream job and that you have been asked to give an employer spotlight on your career. Fill out the spotlight below as if you were in that role.

<b>Name</b> _____		
<b>Job title</b> _____		
<b>Organisation</b> _____		
<b>Sector</b> _____		
<ul style="list-style-type: none"><li>• Which subjects did you take at school?</li></ul>		
_____		
_____		
<ul style="list-style-type: none"><li>• How have these subjects helped in your career?</li></ul>		
_____		
_____		
<ul style="list-style-type: none"><li>• What pathway have you followed since leaving school?</li></ul>		
_____		
_____		
<ul style="list-style-type: none"><li>• What important transferable skills do you use every day?</li></ul>		
_____		
_____		
<ul style="list-style-type: none"><li>• How do you use these skills in your day to day work?</li></ul>		
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_____		
<ul style="list-style-type: none"><li>• What's the most unusual job you have ever had?</li></ul>		
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_____		
<ul style="list-style-type: none"><li>• What advice would you give to a young person making subject choices?</li></ul>		
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## Reflection

Reflecting on this dream job, how do you think you can actually get there? Which pathways can you follow?

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Which subjects do you think you will need to take to get this dream job?

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# Labour Market Information

Here are some interesting facts about 3 different industries. This information is taken from Labour Market Information (LMI).

Whilst these sectors relate very well, there are many more industries where your knowledge and skills learned from Maths will be extremely useful. Can you think of any? Look out for some more interesting facts covered in the other Curriculum Packs.



## Engineering

Employing 146,200 people in Scotland, jobs posted within this sector accounted for 15% of all jobs advertised. Business & Public Service Professionals, Process, Plant & Machine operatives, science & technology are amongst the top occupations within this industry.

**The most requested skills within these jobs postings included teamwork, collaboration and budgeting!**



## Life & Chemical Sciences

Employing 30,000 people in Scotland, Edinburgh, Midlothian & East Lothian, is the highest regional employer within this sector employing 4,700 people.

**There are currently 33,816 Modern Apprenticeships in training chemical and biotechnology related.**



## Financial & Business Services

Scotland's thriving financial services community is made up of over 2000 financial service businesses. Edinburgh, Midlothian and East Lothian employ almost half of all people employed within this sector!

**Scotland is one of Europe's leading financial centres & internationally recognised as the UK'S Largest outside of London.**



## Discussion

In groups, with a parent/carer, or with a friend, talk about the LMI graph and what you have learned about Labour Market data. Did anything surprise you? Is the industry that you are interested in a growth area for Edinburgh, Midlothian and East Lothian?

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## Activity

Look at the LMI graph containing information about the Labour Market in Edinburgh, Midlothian, and East Lothian. Answer the following questions:

Using the LMI Graph, can you list the top three employing industries in Edinburgh, Midlothian & East Lothian?

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Which subjects do you think would be most useful for working in these 3 industries?

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## Research

Choose an employer spotlight and answer the following questions. You should look back the employer spotlights and use the LMI graph to find your answers.

- Which sector does this person work in?
- Can you see how many people were employed within this occupation?

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# Further Information

We hope you enjoyed this insight into subject choices and how they can relate to careers in the Edinburgh, Midlothian, and East Lothian region.

Making your subject choices can seem like a big task, but there are many useful resources out there to further guide your choices and help you make sure that you get work ready. Have a look at the resources below and make sure that you check out the rest of the Get Work Ready – Your Choices programme on the DYW Website. Whatever subjects you choose, remember that there is #NoWrongPath to your dream career!

For more information go to:



Developing the Young Workforce regional group is here to better connect you to the world of work.

[www.dyw.scot/edinburgh-midlothian-and-east-lothian.html](http://www.dyw.scot/edinburgh-midlothian-and-east-lothian.html)



Skills Development Scotland supports you to build your skills throughout your journey from school into further learning opportunities and employment.

[www.skillsdevelopmentScotland.co.uk](http://www.skillsdevelopmentScotland.co.uk)



Planit Plus is an interactive toolkit which helps you get ready for the world of work.

[www.planitplus.net](http://www.planitplus.net)



#NoWrongPath is a social media movement established to provide inspiration and reassurance to you after receiving your exam results.

[www.nowrongpath.scot](http://www.nowrongpath.scot)



My World of Work is designed to support the development of career management skills, no matter what stage you're at in your career.

[www.myworldofwork.co.uk](http://www.myworldofwork.co.uk)