

Get Work Ready



Your Choices

Sciences

DYW

**EDINBURGH, MIDLOTHIAN
& EAST LOTHIAN**

Developing the
Young Workforce

Contents

- 3** Jobs in Sciences
- 7** Transferable Skills
- 9** Employer Spotlights
- 12** Labour Market Information
- 14** Further Information

Jobs in Sciences



Click on the job title for more information!

Activity

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



Discussion

Discuss the Jobs Tree in groups, with a friend, or with a parent/carer.

- Which jobs do you already know about?
- Which jobs have you never heard of?
- Are there any that surprised you or make you want to find out more?

You can make notes of your discussion and thoughts here:

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

Job title

Which industry is this job in?

What is the average salary of this job?

What subjects would be useful for this job?

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

Job title

Which industry is this job in?

What is the average salary of this job?

What subjects would be useful for this job?

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

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.

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

Problem-Solving

Teamwork

Communication

Organisation

Time Management

Adaptability

Resilience

Creativity

Leadership

Curiosity

Integrity

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

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

Example of a time that I used this skill

Transferable Skill

Example of a time that I used this skill

Transferable Skill

Example of a time that I used this skill

Employer Spotlights



Discussion

In groups or with a parent/carer or friend, look at the employer spotlights and discuss the different industries, jobs, and pathways demonstrated.

- Think about the subjects that each person took – which subjects do you think are most useful for each job?
- Were there any employers or jobs that surprised you?
- Look at the pathways to each role, how many different routes can you see?
- What do you think was the most unusual 'unusual job'?

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.

Name _____		
Job title _____		
Organisation _____		
Sector _____		
<ul style="list-style-type: none">• Which subjects did you take at school?		

<ul style="list-style-type: none">• How have these subjects helped in your career?		

<ul style="list-style-type: none">• What pathway have you followed since leaving school?		

<ul style="list-style-type: none">• What important transferable skills do you use every day?		

<ul style="list-style-type: none">• How do you use these skills in your day to day work?		

<ul style="list-style-type: none">• What's the most unusual job you have ever had?		

<ul style="list-style-type: none">• What advice would you give to a young person making subject choices?		

Reflection

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

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

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 Sciences will be extremely useful. Can you think of any? Look out for some more interesting facts covered in the other Curriculum Packs.



Construction

Skilled construction & Building Trades is one of the top employing occupations accounting for job postings last year in the City of Edinburgh. Innovation will be central to this sector, critical skills identified will be problem solving, creativity, communication & leadership and digital skills.

Based on information from these job postings in Construction the most requested specialised skills were Teamwork & Collaboration.



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.



Technology & Engineering

Technology and Engineering companies supports over 100,000 jobs and contribute £4.9 billion to the Scottish Economy. The fastest growing sector - Scotland's digital tech sector has one and a half times faster growth than the rest of the economy.

Digital Tech salaries are 26% higher than the Scottish average.



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?

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?

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

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?

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



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

www.skillsdevelopmentScotland.co.uk



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

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



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