

Lesson insert

Overview

An activity using myworldofwork.co.uk to link the study of Practical Electronics to possible careers.

Objectives

As part of a wider lesson, this lesson insert intends to:

- Encourage research into careers related to the study of Practical Electronics

My World of Work activity (20mins)

- Arrange pupils in groups of two or three
- Go to myworldofwork.co.uk
- Go to [my career options](#)
- Ask the groups to choose a job card from the pack
- Ask them to complete the job research sheet
- Each group should present back to the class one key point about the job(s) they have researched

Connect the learning (in the wider lesson)

- Discuss what each job entails and how it links to the activities they are doing in class
- Discuss which skills they are developing in class relate most closely to particular roles they have looked at

Review and reflect (5mins)

- Ask pupils to reflect on the jobs covered and if they may be interested in following one of these careers
- Homework: Ask the class to use this lesson as part of their overall research on careers related to their school subject

Craft, design and technology

Practical Electronics

National 4/5

Resources

- Computers or tablets with internet access
- Job research sheet

My World of Work links

Job profiles

[Audio visual technician](#)
[Building technician](#)
[Chemical engineering technician](#)
[Computer service and repair technician](#)
[Construction plant mechanic](#)
[Electrical engineering technician](#)
[Electrician](#)
[Electricity distribution worker](#)
[Electronics engineer](#)
[Engineering craft machinist](#)
[Engineering maintenance technician](#)
[Gas service technician](#)
[Heating and ventilation engineer](#)
[IT support technician](#)
[Lighting technician](#)
[Measurement and control engineer](#)
[Mechanical engineer](#)
[Motor vehicle technician](#)
[Musical instrument maker or repairer](#)
[Rail engineering technician](#)
[Refrigeration and air conditioning engineer](#)
[Roadie](#)
[ROV pilot technician](#)
[Satellite systems technician](#)
[Security systems installer](#)
[Shopfitter](#)
[Signalling technician](#)
[Smart meter installer](#)
[Watch or clock repairer](#)

Curriculum links

Suitable for all year groups studying:

Practical electronics – National 4/5

Career Education Standard (3-18)

Supports entitlements set out in the [Career Education Standard](#) for young people to:

- Experience a curriculum through which they learn about the world of work and job possibilities and which makes clear the **strengths** and **skills** needed to take advantage of these opportunities
- Know where to find information and access support making effective use of online sources such as [My World of Work](#)
- Develop [Career Management Skills](#) as an integral part of their curriculum

Job cards

Audio visual technician	Building technician
Chemical engineering technician	Computer service and repair technician
Construction plant mechanic	Electrical engineering technician
Electrician	Electricity distribution worker
Electronics engineer	Engineering craft machinist
Engineering maintenance technician	Gas service technician
Heating and ventilation engineer	IT support technician
Lighting technician	Measurement and control engineer
Mechanical engineer	Motor vehicle technician
Musical instrument maker or repairer	Rail engineering technician
Refrigeration and air conditioning engineer	Roadie
ROV pilot technician	Satellite systems technician
Security systems installer	Shopfitter
Signalling technician	Smart meter installer
Watch or clock repairer	



**My
World of
Work**

Job research

**Careers linked to:
Practical Electronics**

Choose a job card

Log into the computer and go to myworldofwork.co.uk

Go to [my career options](#) to find out about the job on your card and answer the following:

What is the job title?	
What are the main duties of this job?	
What are the skills required?	
What qualifications do you need?	
What have you learned in your school subject that might be useful in this job?	
What key point about this job do you want to share with the rest of the class?	