

# Lesson insert

## Overview

An activity using [myworldofwork.co.uk](http://myworldofwork.co.uk) to link the study of Practical Metalworking 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 Metalworking

## My World of Work activity (20mins)

- Arrange pupils in groups of two or three
- Go to [myworldofwork.co.uk](http://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
- Optional: Ask pupils to search for “Types of Modern Apprenticeship” and have a class discussion on apprenticeships related to this subject. For example:
  - [Apprenticeships-bus and coach engineering](#)
  - [Apprenticeships-civil engineering](#)
  - [Apprenticeships-engineering construction](#)
  - [Apprenticeships-oil and gas extraction](#)
  - [Apprenticeships-plumbing](#)
  - [Apprenticeships-rail engineering](#)
  - [Apprenticeships-wind turbine operation](#)

## 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 Metalworking

#### National 4/5

## Resources

- Computers or tablets with internet access
- Job research sheet

## My World of Work links

### Job profiles

[Automotive engineer](#)  
[Blacksmith](#)  
[Construction operative](#)  
[Engineering craft machinist](#)  
[Engineering maintenance technician](#)  
[Fairground worker](#)  
[Farrier](#)  
[Heating and ventilation engineer](#)  
[Heat treatment operator](#)  
[Materials engineer](#)  
[Mechanical engineer](#)  
[Mechanical engineering technician](#)  
[Motor vehicle body repairer](#)  
[Offshore drilling worker](#)  
[Plumber](#)  
[Sheet metal worker](#)  
[Shopfitter](#)  
[Steeplejack or lightning conductor engineer](#)  
[Toolmaker](#)  
[Track maintenance operative](#)  
[Tyre or exhaust fitter](#)  
[Welder](#)

## Curriculum links

Suitable for all year groups studying:

Practical Metalworking – 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

Automotive engineer	Blacksmith
Construction operative	Engineering craft machinist
Engineering maintenance technician	Fairground worker
Farrier	Heating and ventilation engineer
Heat treatment operator	Materials engineer
Mechanical engineer	Mechanical engineering technician
Motor vehicle body repairer	Offshore drilling worker
Plumber	Sheet metal worker
Shopfitter	Steeplejack or lightning conductor engineer
Toolmaker	Track maintenance operative
Tyre or exhaust fitter	Welder



**My  
World of  
Work**

# Job research

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**Careers linked to:  
Practical Metalworking**

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Choose a job card

Log into the computer and go to [myworldofwork.co.uk](http://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?	

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