

## **YOUR FUTURE OPPORTUNITIES: MANUFACTURING AND ENGINEERING SPOTLIGHT**

**Using the 'Your Future Opportunities' labour market information website, this activity will encourage you to explore the variety of roles available within the advance manufacturing and engineering sector and research some of the businesses in Worcestershire.**

### **WHAT IS LABOUR MARKET INFORMATION?**

Labour Market Information (LMI) is useful data that you can use to help you make choices about your future.

LMI is data that is collected both nationally and locally. The data identifies important facts and figures about the world of work across the UK, in individual cities and districts.

**Please follow the instructions below to complete the tasks.**

Use this link to access the [Your Future Opportunities](#) website.

#### **TASK1**

On the 'Your Future Opportunities' website, go to the 'Job Sectors' page and find Advanced Manufacturing and Engineering.

Read through the text. In the first paragraph there are 3 Worcestershire businesses highlighted; Mazak LTD, Worcester Bosch and Jacobs Engineering. Pick one of the Worcestershire businesses of your choice and go to their main websites by searching on Google. Complete the information form below for that company.

**What products does the company produce?**



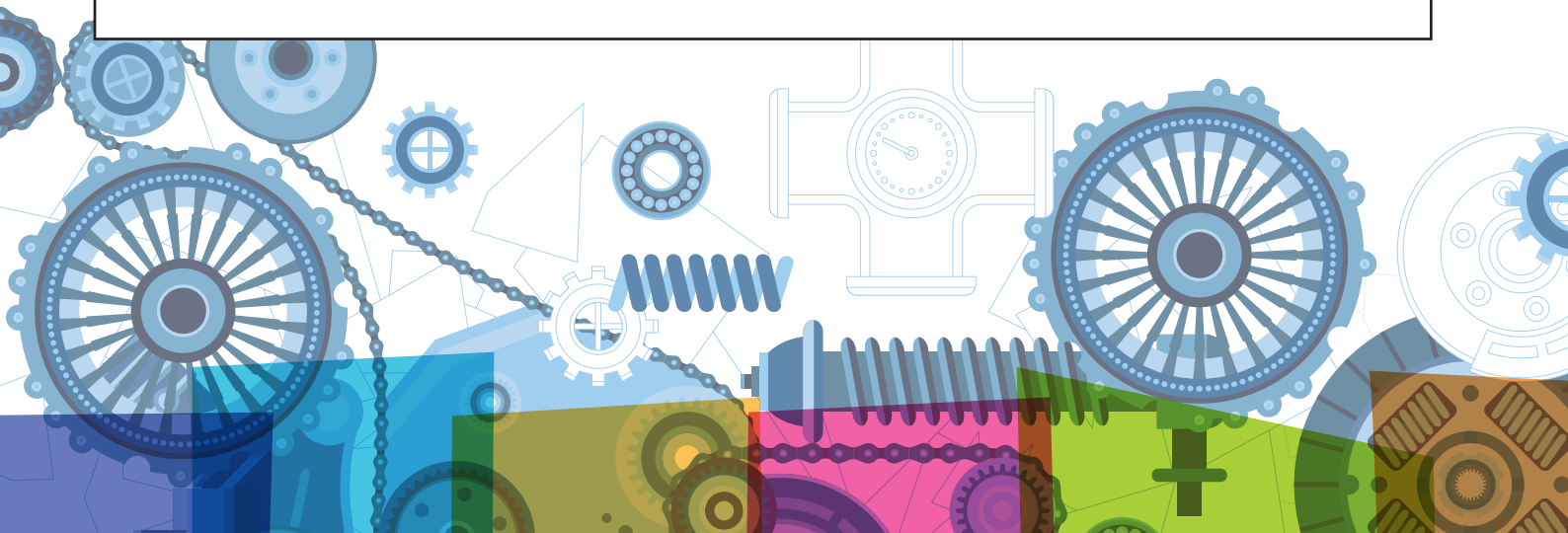
**Do they operate in other countries? Highlight these countries.**

**Is there a 'careers' page where you can find information on job opportunities?**

**Highlight two jobs that they are currently recruiting for (if available).**

**How are they tackling climate change or protecting our planet?**

**Share one interesting fact that you have learnt from looking at their website.**



## TASK2

On the right side of the Advance Manufacturing and Engineering page, you will see a 'videos' section with 4 video links. Choose one video to watch using the YouTube link. Choose whichever video interests you the most.

**Which video did you watch?**

**What did you learn? Please list up to 3 points below**

## TASK3

Use the link at the bottom of the page to visit the 'job directory'.

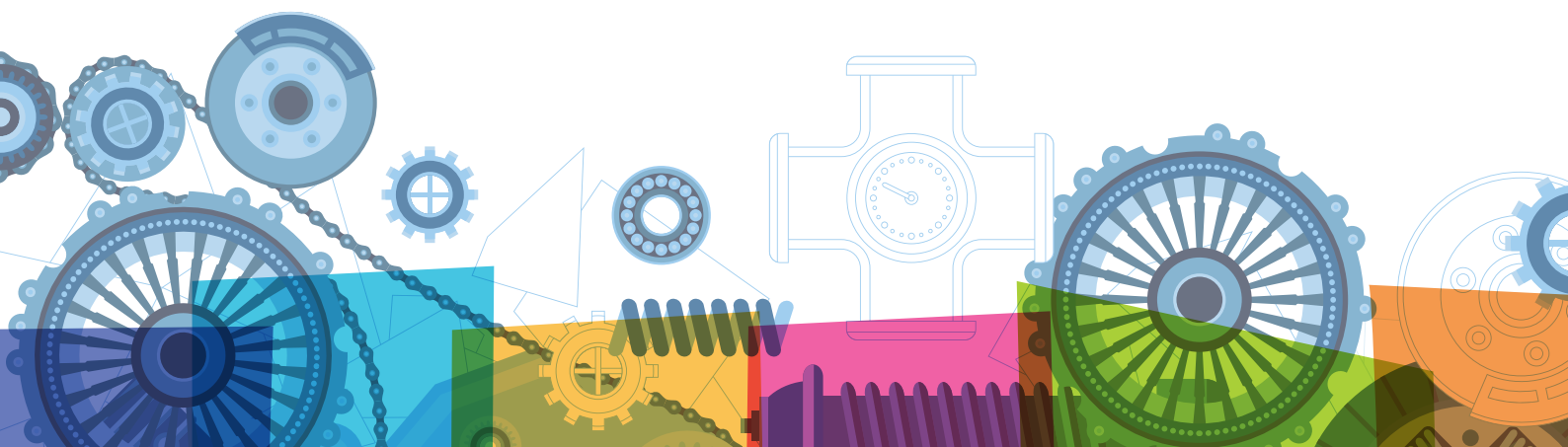
### Job Directory Quiz

How much could you earn as an experienced 'Engineering Technician'?

What does CNC stand for?  
Hint - there is a role with CNC in its name.

In what role would you be required to use a heated forge, hammer, and tongs?  
Explore the job roles to find the answer.

What industries could you work in as a 'Welder'?



Watch the 'Toolmaker' video, what two sub-sectors of engineering has George worked in?

Name two of the degree options you could take if you wanted to be a robotics engineer.

Watch the video using the link on the Civil Engineering job profile. What other skills will you learn when training to be a Civil Engineer?

Explore the Marine Engineering Technician job profile. What 5 locations are highlighted as the potential workplace?

## DID YOU KNOW?

The 'Your Future Opportunities' website ([link](#)) is a free resource for you to use, with links to Worcestershire jobs and apprenticeships. You will find lots of information on many industries and job roles!

