

STEP INTO...

MECHANICAL

(Engineering, Manufacturing &
Maintenance)



How to use this resource

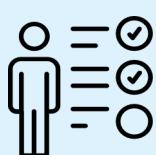
This guide is here to help you explore different job opportunities, understand how your skills can be applied in mechanical jobs, and discover the pathways that can lead you to a fulfilling career.



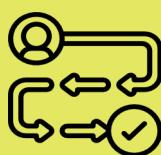
LMI: Learn about the mechanical sector, how many people are employed and the companies you could work for. This will give you a broad understanding of the job market.



Explore Jobs: Discover descriptions of different jobs to find ones that interest you.



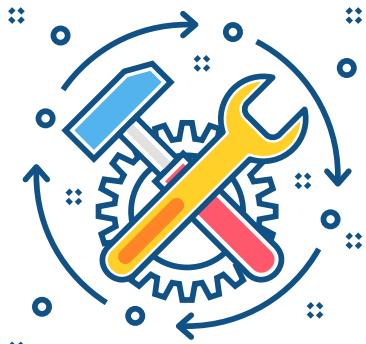
Apply Your Skills: See how the Skills Builder Universal Framework can be used in jobs to develop skills like teamwork and problem-solving. Your tutor or adviser will help you to review your skills and rate your current ability. There is also an opportunity to provide your own examples.



Discover Pathways: Find out about education, training programs, and other resources to guide you on your career journey.

MECHANICAL DO YOU LIKE...

1



Building things

...constructing LEGO sets, models, or DIY projects?

2



Using technology

... working with robots, programming, or using design software?

3 Figuring out how things work

...taking apart gadgets or fixing bikes and scooters?



4



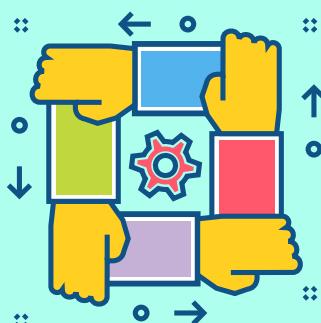
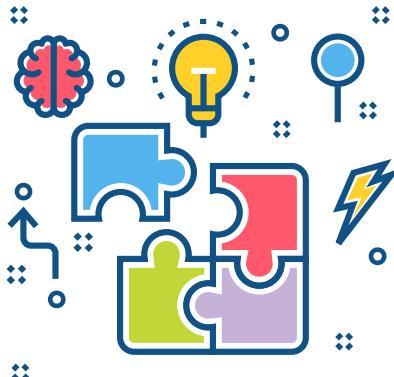
Hands on projects

...using tools, working on engines, or crafting things in tech or woodwork class?

5

Solving puzzles or problems

... finding ways to improve how something is made or fixing something that's broken?



Working in a team

...working with others to build or design things for group projects?

6

WHAT IS MECHANICAL?

(Engineering, Manufacturing & Maintenance)

Mechanical jobs are about working with machines, engines, and tools. People in this area fix, build, and design things that help the world run smoothly.

Key careers areas include:



Mechanical Engineers: Design and improve machines, from engines to everyday tools.

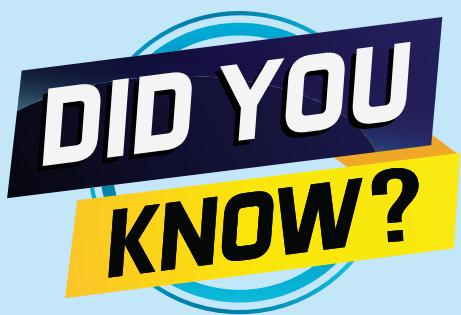


Mechanics: Repair and maintain cars, bikes, or other machines so they work safely.



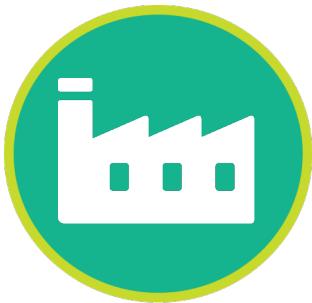
Machine Operators: Use and look after machines in factories to make products.

Jobs in mechanical careers are great for people who enjoy problem-solving, using their hands, and understanding how things work.



Manufacturing and mechanical jobs employ around **25,000 people** in Tees Valley. The area is famous for its engineering and making things. If you like fixing engines or using machines, there are always opportunities to put your skills to work.

WHERE CAN YOU FIND LOCAL VACANCIES?



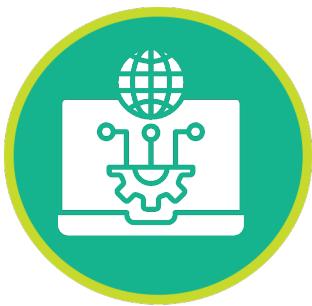
Manufacturing Companies



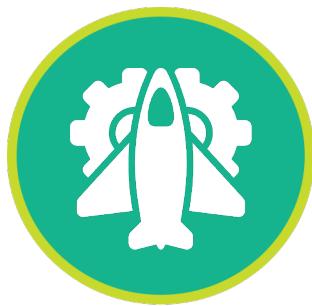
Engineering Firms



Construction Sites



Software & IT Companies



Aerospace Companies



Automotive Companies

LOCAL INCLUSIVE COMPANIES INCLUDE...



Jacobs



Sir Robert
McALPINE



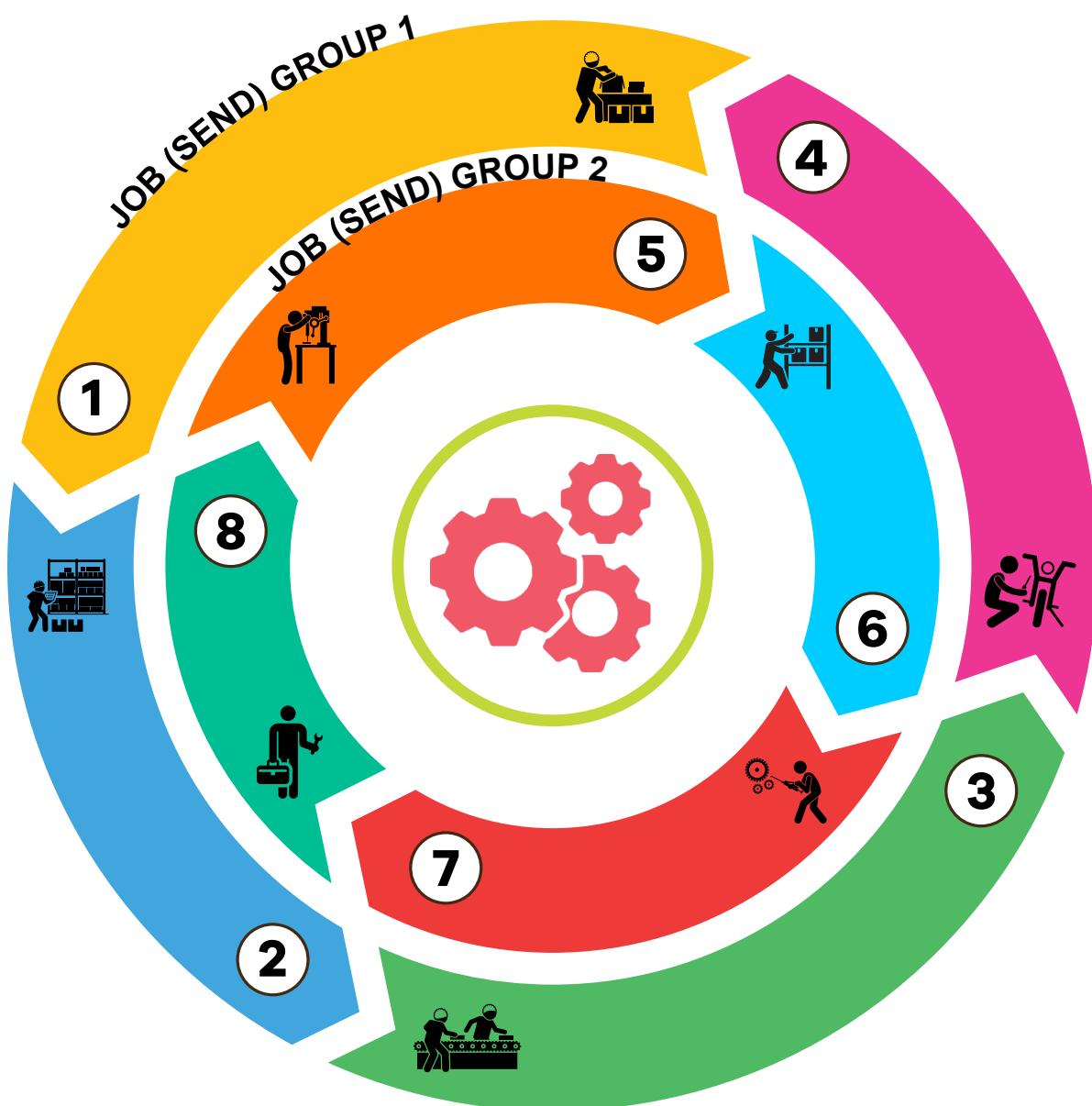
Balfour Beatty



MECHANICAL

WHAT JOBS CAN YOU DO?

In Mechanical careers, you can make real products, solve challenges, and work with a team to bring ideas to life!



TALENTINO®

The CEC has adopted Talentino's #SameAndDifferent model, a national SEND school career framework designed to deliver effective career activities for young people with SEND. Developed from Talentino's work in schools, this concept enhances early career development and encourages employers to support the progression of individuals with SEND.



JOB GROUP 1

don't require Level 2 Qualifications / GCSEs but can lead to supported employment, Supported Internships, Inclusive Apprenticeships, supported Enterprise, T-Levels, Traineeships and FE College.

1



Packaging Assistant

They pack products, label containers, and prepare items for shipment to meet company standards.

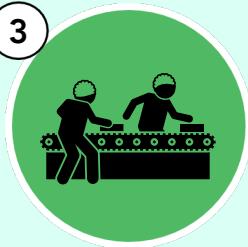
2



Warehouse Worker

They help load and unload deliveries, move goods to storage areas and pack orders for dispatch.

3



Assembly Line Worker

They assemble parts, follow production instructions, and make sure products meet safety standards.

4



Bike Repair Assistant

They help repair punctures, clean the bikes and adjust brakes and steering.



£15,000 - £24,000



£19,000 - £30,000



£14,500 - £22,000



£18,000 - £21,000

JOB GROUP 2

do require at least Level 2 qualifications / GCSEs and can lead onto Apprenticeships, University, College, Employment or Enterprise.

5



Production Worker

They operate machinery, assemble parts, and perform quality checks in manufacturing.

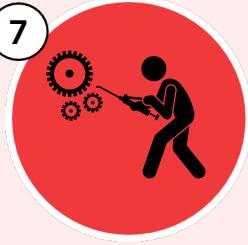
6



Stock Control Assistant

They keep track of product levels and make sure there are enough supplies to meet customer demand.

7



Parts Cleaner

They help to clean tools and sort parts. They also assist in tidying the workshop area.

8



Engineering Technician

They assist engineers in developing new projects, designs and testing procedures.



£22,000 - £28,000



£21,000 - £30,000



£18,000 - £20,000



£18,500 - £28,000

HOW DO ESSENTIAL SKILLS HELP?



Listen to safety rules before work.



Tell the team if a machine is broken.



Find why a motor won't start.



Suggest a new tool for the job.



Keep trying when repairs are hard.



Make sure the job is done well.



Help train a new apprentice.



Pass tools to a teammate when needed.

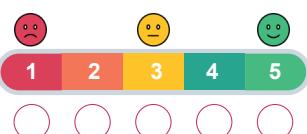
Rate your ability in each skill on a scale of 1 😞 to 5 😊.

Can you provide any examples of when you have used each skill?

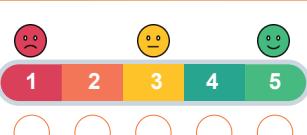
Skill

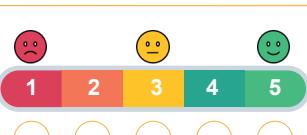
Rating (1-5)

Examples of when you have used this skill.





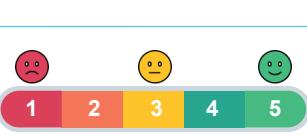












ROUTES & PATHWAYS

For more details
about the
pathways available



SCAN ME

Discover local options by
clicking or scanning the
QR codes on the
following pages.



1. EMPLOYMENT



Earn
money



Learn
and grow



Contribute
to society

2. VOLUNTEERING



Helping the
community



Learning
new skills



Feeling
happy

3. APPRENTICESHIPS



On the job
training



Earn while
you learn



Excellent job
outcomes

4) FURTHER EDUCATION



Learn what
you love



Gain
practical skills



Different levels
for everyone

5) SUPPORTED INTERNSHIPS



Learn on the
job



Get extra
help



Prepare for
future jobs

1. EMPLOYMENT



Tees Valley
Jobs
(vacancies)



BBC Bitesize
Careers



National
Careers
Service



iCould
Careers



Tees Valley
Jobs (Home)



2. VOLUNTEERING



vinspired



Tees Valley
Youthwatch



Futures
Through
Friendship



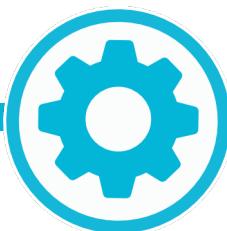
TV YMCA
Volunteering



TV Festival
Volunteering



3. APPRENTICESHIPS



TV Jobs –
Apprentice-
ships



TVCA
Apprentice-
ships



TVLPN
Directory



Amazing
Apprentice-
ships



Find an
Apprentice-
ship .gov.uk



4) FURTHER EDUCATION



TVCA - Sixth
Form &
College



Tees Valley
Careers
Hub



TVE
SEND
Info



TV
Scholarships



Teesside
Uni



5) SUPPORTED INTERNSHIPS



NHS
Choices
College



Redcar
Internships



Hartlepool
Internships



Youth
Guarantee



Prior
Pursglove
College

