

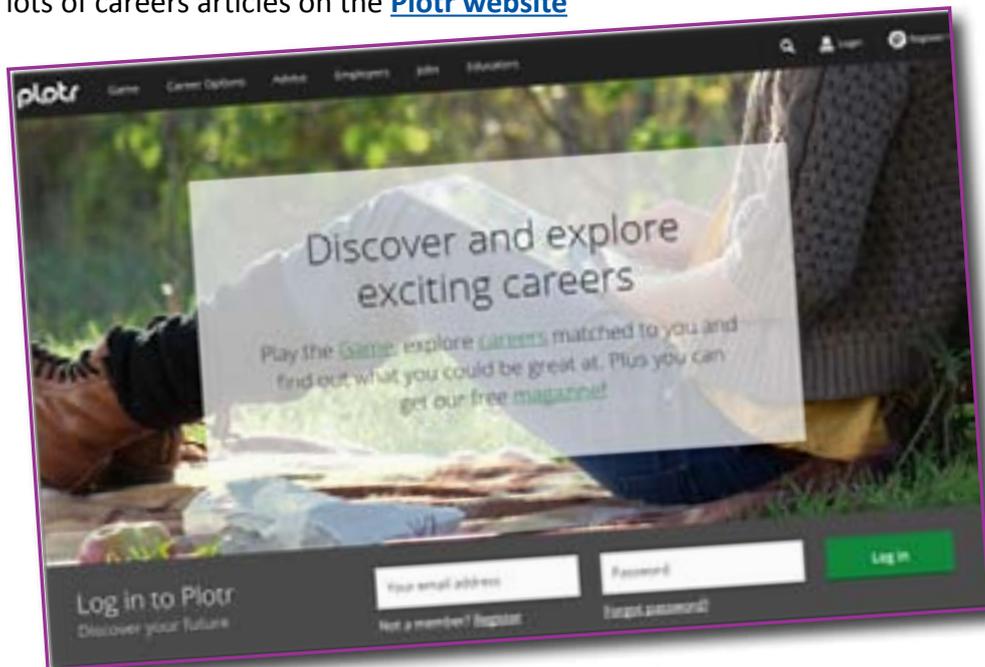
Welcome to the third issue of **Shape Your Future**, the e-newsletter from Careers Yorkshire and the Humber with information to help you make choices about your future. We hope to get the key facts across in an interesting and lively way. Also, included is a link to a short survey to help us get some feedback – we want your views to help us improve the newsletter.

What's inside?

Find out more about engineering (page 2) or, if you are looking for jobs and apprenticeships (page 3). The more you learn, the more you earn (page 4). Want to be Prime Minister? (page 4).

Want to find out which careers might suit you best? Try the Game!

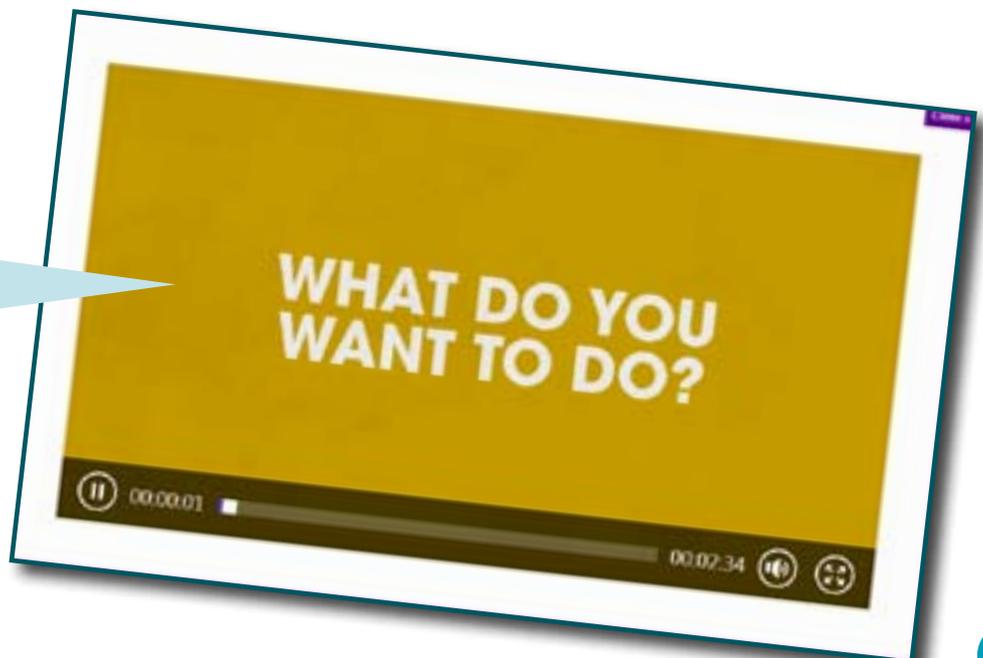
The Game analyses your personality, interests and needs in life to help you find the best career for you. There are also lots of careers articles on the [Plotr website](#)



Where can **Science Technology Engineering Maths** take you?

To find out more go to <http://www.wherestemcantakeyou.co.uk/signposting.html>

Click here to
see the video





Engineering plays a big part in lots of industries including: space, food production, textiles, steel making, medicine, transport, film and TV, construction and many more.

In **Yorkshire and the Humber** engineers help to produce:

Medical instruments, gears for vehicles and other machinery, wind turbines, fertiliser, cakes, metal castings, plastics, chemicals, architectural metalwork, turbo chargers, furniture, clothes and more.

Then engineering may be for you?



(ESA)

South Yorkshire laser cutting company, Cutting Technologies, now has its work up in space thanks to British ESA Astronaut Tim Peake's latest mission. Cutting Technologies was instructed by Raspberry Pi to laser engrave the fine details on two augmented Raspberry Pi computers known as Astro Pi. Whilst on board the International Space Station, the two computers will be used to run experiments using the board's sensors.

School children across the UK were asked to create and code computer science experiments for Tim as part of a competition. Seven winners ranging from primary to A-level were selected and their ideas will be brought to life on the space station (Business Link 08/01/16).

£26,536

the average starting salary for engineering graduates

5.4m

people are employed in engineering in **576,440** business in the UK

But...

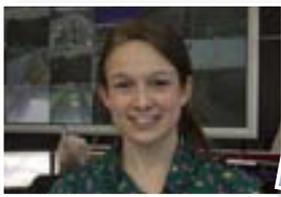
there is shortage of engineers. It is expected that there will need to be **double the number of engineering apprentices and graduates entering the industry to meet the demand.**

Only **4.4%** of **engineering apprenticeships** were taken up by **women** in England in 2011/12. Girls, engineering needs you!

<http://www.engineeringuk.com/Research/>

These women work in engineering. To find out what they do go to

<http://www.tomorrowsengineers.org.uk/Real-jobs/>



So...

how do you get into engineering...

Click here to see



Looking for jobs or apprenticeships?

Sometimes it's hard to know where to start?

45%

of jobs are never advertised. So make sure your family, friends and neighbours know that you are looking for work!

Did you know?



you are

33%

more likely to be employed if you have qualifications at Level 2 or above

A survey in 2012 showed the top 10 ways employers recruit (although using social media to recruit, e.g. Facebook, Twitter and LinkedIn is becoming more popular with employers).

Word of mouth	29%
Jobcentre Plus	28%
Local newspapers	21%
Recruitment agencies	17%
Company's own website	17%
Internal labour market	12%
Noticeboards/shop windows	10%
Free websites	9%
Paid for recruitment websites	7%
School, college, university job fairs or careers services	5%

What you can do...

- ⚙️ Talk to family, friends, neighbours
- ⚙️ Tell them you are looking for work and what you want
- ⚙️ Search for jobs on online job boards - set up alerts so jobs are sent to your inbox

If you are looking for an apprenticeship register on www.gov.uk/apply-apprenticeship

10
jobs where
communication
skills are
essential

- Sales manager
- Supermarket assistant
- HR adviser
- Customer service adviser
- Supply chain manager
- Social media executive
- Nurse
- Construction site manager
- Project manager
- Lawyer

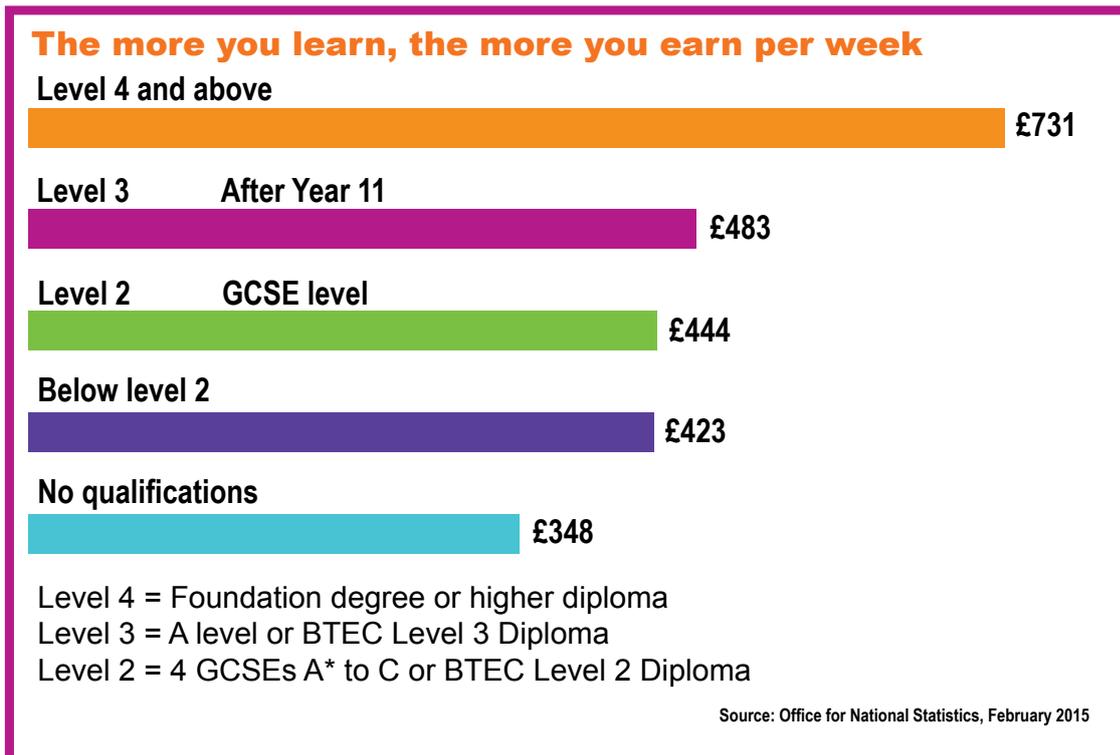
<https://www.plotr.co.uk/advice/articles/>

**Need to
boost
your skills?**

Many employers are looking for people with work experience and doing voluntary work can be a good way of getting some experience - some local volunteer jobs include: catering assistant, environmental conservation volunteer, charity shop assistant, youth club volunteer. Or getting a part-time job for example, in a shop, hairdressers, cafe etc can help boost your CV. For more information check out <https://do-it.org/> or <https://vinspired.com/>

Qualifications can have a big effect on pay

Usually the higher your qualifications, the more you're paid



But...**qualifications** alone are not enough – to get a **job**, **employers** are looking for the **right skills, experience and can-do attitude!**



Fancy finding out what it's like to be Prime Minister?

Be an MP for a week, become the Prime Minister of your own country, or plan a campaign. Visit the [Parliament games website](#) to find these fun, interactive, educational games, and more.



We really need your views to help us make **Shape Your Future** better! Please help us by filling in the survey [here](#). It should only take two minutes.

National Careers Service helpline

If you need help to make decisions about jobs, careers, learning or training, you can talk to an adviser on the **National Careers Service** helpline on **0800 100 900** or webchat, email or text or textphone. For more details see <https://nationalcareersservice.direct.gov.uk>