

Welcome to the first issue of **Shape Your Future** the e-newsletter from Careers Yorkshire and the Humber containing information to help you to make choices about your future.

Whether you are choosing your options in **Year 8 or 9**, deciding what job or career you might want after **Year 11** or thinking about apprenticeships and how you find them, we hope there will be something in here to inspire you.

Where will the jobs be in Yorkshire and the Humber?

The good news is, if you...

like working with people?

Why not think about...
...Hospitality and tourism...Health and social care

are creative with a flair for IT?

...Creative and digital ([what's this](#))...could be for you!

enjoy practical work, making or mending things and getting out and about?

Why not consider...Advanced manufacturing ([what's this](#))
...Transport and logistics...Construction...Food and Drink manufacturing

are good with maths and English?

...Financial and business services ([what's this](#))...may be for you!

enjoy science, care about the environment and finding out how things work?

Why not find out about...Agritech and Agribusiness ([what's this](#))...Chemicals...
Low carbon and renewables ([what's this](#))...Engineering



*Jobs are expected to **gROW**...*

...in these sectors in the Yorkshire and the Humber region over the next few years. To find out more about these sectors and the jobs in them go to [Sector Skills Councils](#). See [Careers Info](#) on page 4 for more information about jobs and careers in these sectors.



Interested in science and maths, or not sure?

'Future Morph' - career opportunities with science and maths, [try the game...](#)

DID YOU KNOW



...there is a **shortage** of technicians (at qualification levels 3 and 4) and professionals (degree level qualifications) with **STEM** (Science, Technology, Engineering and Maths) skills in a range of sectors from manufacturing and engineering, energy production (oil, gas, electricity), life sciences and pharmaceuticals to automotive and broadcasting.



There are STEM **apprenticeships** with a wide range of companies and industries. To find out more about STEM opportunities go to [The Big Bang Fair](#) or [Your Life](#)

From your mobile phone, tablet and laptop to driverless cars and home help robots – technology is changing fast and people with good IT skills are in demand!!

Interested in technology and IT? Like solving problems? Logical? Creative? A good communicator? Then a career in IT might be for you....

Rapidly developing technology is changing the way we work, so more highly skilled people are needed in the IT industry. 300,000 more people will be needed in IT at professional, manager and associate professional level by 2020. Jobs in IT www.bigambition.co.uk/digital-careers/jobtypes/

Watch the video 'Internet of Things' (IoT) on the Cisco website for more information about how technology will be used in the future.



<http://cisco.com/web/solutions/trends/iot/overview.html>

Go to 'How Cisco defines the IoT' for the video



Jobs in demand are:

- Programming/application
- Data and analytics
- Cyber security
- Web development
- Database administration
- Business intelligence and analytics
- Mobile applications and device management
- Cloud computing
- Networking

Salaries: between £18,000 and £40,000 a year depending on the job, where you work and which company employs you. Most of these jobs need higher level qualifications such as a degree, so good grades at GCSE are a must if you want to get on. The apprenticeship route is another way into a job in IT.



What's changing?

“Jobs are changing and although some sectors are reducing staff, all sectors will need to take on staff to replace older workers who are retiring”



Jobs Past, Present and Future

Past	Present	Present and Future
Switchboard operator	Zumba teacher	Cyber security analyst
Typist	Mobile app designer	Ethical hacker
Print setter	Wind turbine technician	Urban agriculturalist
Telegraph operator	Green funeral director	Infographic designer
Lamplighter	Physician associate	Web history archivist
Comptometer operator	Social media manager	3D printing technician
Rag and bone man	Biomass plant technician	Electronic textile designer

Nobody can predict the future, but research about past job trends has found:

- There are likely to be fewer entry level jobs, such as, administrative assistants and machine operatives - so getting good grades and qualifications will be vital to ensure you get the choice of job or course you want
- Technology will be an essential part of the workplace and workers will need to update their skills to keep pace with this change - you will need to keep learning throughout your working life to keep up with the changes

Careers of the Future

Your Future Job quiz

Click on this link to find out what job might suit you in the future!

<http://yourfuturejob.ukces.org.uk/>



‘Illustrations used with kind permission of UKCES from the Careers of the Future publication’

Source: UKCES The Future of Work 2014

As well as having the **skills** to do a job such as IT, engineering, catering or nursing for example, employers also want '**employability**' or '**soft**' skills' and these are much in demand.

You may need:

- good communication skills both verbal and written
- customer service skills
- IT skills
- team working skills
- to be well organized
- to be adaptable and flexible
- good time management
- enthusiasm and willingness to learn
- to be able to work independently
- grit and resilience to cope with setbacks
- problem solving skills



Have you got the skills employers want?

"it's important to keep skills up-to-date and be willing to learn new skills throughout your working life"



Careers Info



Job Snapshots on the National Careers Service website are easy to access, bite-sized articles about a range of popular jobs and careers including air cabin crew, web designer, firefighter and more. If you want more detailed information about jobs and careers there are nearly 800 **Job Profiles** that include labour market information on the **National Careers Service website**



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 <http://nationalcareersservice.direct.gov.uk>

We would really like to know what you think about **Shape Your Future**, please help us to improve it by filling in the survey [here](#). It should only take you two minutes.