



After last week's successful Sixth Form Open Evening Year 11 students will be busily planning for their next steps after their GCSE exams.

A good place to start planning post-16 options is to think of these three questions.

- Where am I now? (What qualifications, skills, and interests do I have?)
- Where do I want to get to? (What would I like to be doing in 5 years' time – job, living away from home, etc?)
- How will I get there? (What course, training or future job is likely to get me where I want to go?)

Of course, at 16, young people don't necessarily know the answers to all these questions, but now is the time to start exploring information about careers, jobs and courses.

If you really aren't sure about what you want to do in the future then 'stay broad' - do a broad range of subjects so that you can decide later!

## Parent Information

To help you decide which pathways are open to your child the following information can help you to make an informed decision.

## Foundation or Higher Paper

Which exam paper your child is sitting can impact the A level options open to them. For the majority of subjects you need a grade 6 in the subject at GCSE to be able to study this at A level. If your child is sitting a foundation paper this means the highest grade they can achieve in that subject is a 5.

## Maths

With the new GCSE foundation maths is grades 1-5 and higher, grades 4-9. So you can 'pass' on either paper but the higher includes harder questions.

The crossover is now grades 4&5 and used to be grades D & C so making the new higher paper harder than the old one as 4 is roughly bottom 2/3 of a C and 5 top third of a C and bottom third of a B.

## Science

Each exam features Foundation tier and Higher tier papers. Foundation tier is designed for students who are aiming for grades 1-5, and Higher tier is designed for students who are looking for grades 4-9.

## BTEC or A level

Both A level and BTEC qualifications give you the UCAS points needed to attend university. A BTEC single award level 3 certificate is the equivalent to 1 A level grade. A BTEC level 3 extended diploma is equivalent to 3 A level grades. If your child is interested in going to university they can use the UCAS tariff calculator to work out what each qualification gives them in UCAS points

<https://www.ucas.com/ucas/tariff-calculator>

The Which A Level Explorer is a useful tool to see where different A Level combinations can take you and suggests different careers based on these subjects.

<https://university.which.co.uk/a-level-explorer>



## Manufacturing Degree Apprenticeship

Morrisons offers you the chance to be part of a different kind of retail business. You see, unlike their competitors, they own most of their own supply chain – they're both food makers and shopkeepers.

Whilst you're working towards a degree and building a brilliant management career within their unique food retail business they pay all your course fees for you and you also get to work and earn a salary while you're studying – so money is never a concern.

**What you'll be doing;** At Morrisons they make 60% of their fresh food in-house making us the UK's 2nd-largest fresh food manufacturer and as part of their manufacturing team you'll be right at the heart of their business. You'll learn how to run production lines and lead production teams while getting to grips with a wide range of manufacturing equipment, processes and technologies, and gaining exposure to a variety of manufacturing teams.

**Achieve a valuable degree;** While you're working with them, you'll also be studying towards a Bsc (Hons) Management and Business at the University of Bradford. You'll gain full chartered membership of the CMI (Chartered Management Institute).



**What you'll need to join us;** They're looking for resilience, determination and good leadership skills, along with the flexibility to meet the changing needs of our business. You'll

also need a minimum of 104 UCAS points (based on the new UCAS tariff or 260 based on the old tariffs) and Grade C (4) or more in Maths and English GCSEs.

Deadline for applications is **Monday 6 January 2020**. We would encourage you to apply soon though as we're already booking candidates into our Assessment Centres over the coming months.



### What is CyberFirst and who is it for?

Launched in May 2016, and inspired and led by the National Cyber Security Centre (NCSC), a part of GCHQ, CyberFirst began as a programme of opportunities helping young people explore their passion for tech by introducing them to the world of cyber security.

So whatever your age, you could be anyone, from anywhere in the UK. We're not here just for the genius coders either; we're open to all sorts of tech and computing passions. Livestreamers with their own gaming vlogs. Instagrammers who could find the perfect angle in their sleep. You really don't have to be fluent in Javascript to be the kind of mind we need.

What's more, we've opened our options up for more people than ever. It now covers a broad range of activities: comprehensive bursary and apprenticeship schemes; a girls only competition and schools development courses at UK universities and colleges. There's even Cyber Discovery; our online extracurricular programme. Each activity is designed to seek out people like you with potential, offering the support, skills, experience and exposure you need to be the future first line of defence in our CyberFirst world.

### CyberFirst Trailblazers

A free half day event created for Year 8 students. This is the first in a series of CyberFirst events which will start each student on the exciting path of considering which GCSE's they will take and how Computer Science can play a key role in future career prospects.

An accompanying parent or guardian is welcome to attend for a specifically designed talk and some light refreshments. The event comprises of:

- **Go Create** – Learn the basics of how to customise a website and generate enthusiasm to contribute to the World Wide Web.
- **Digital Detective** – Use digital forensics to identify the first person who has contracted a disease and learn how open source intelligence can lead to finding out more information about this person.
- **Media Mogul** – Look into how creative design, arts and technology work together. Take a closer view on how the media industry and advertising combine these elements while having the chance in teams to create your own advert sequence using stop motion.

London 18<sup>th</sup> January 2020

<https://www.ncsc.gov.uk/section/education-skills/11-19-year-olds>

### CyberFirst Girls competition

The CyberFirst Girls Competition 2020 opens for registration on 2 December 2019.

The NCSC are working hard to get more girls interested in a career in cyber security. The CyberFirst Girls Competition provides a fun but challenging environment to inspire the next generation of young women to consider a career in cyber security.

The competition is a team event, with each one made up of 4 female students from Year 8.

It consists of three distinct phases:

- the online qualifying round to identify the top teams that will qualify for the semi-final round
- the semi-final where teams will battle it out in their areas to qualify for a place in the Grand Final
- the Grand Final where the top ten teams from the regions in England, and from Wales, Scotland and Northern Ireland will gather to compete for the title of CyberFirst Girls Competition Winners 2020

Whatever ability, from beginner to expert, CyberFirst Girls Competition is an opportunity to learn something new about cyber security.

<https://www.ncsc.gov.uk/cyberfirst/girls-competition>





Their innovative Technology Degree Apprenticeships and Data Science Graduate Apprenticeships are the newest degree programmes they've added to their Flying Start degree series.



Designed in partnership with the universities, you'll gain a blend of work experience with their Tech teams during your work placements, get excellent fully funded tuition, gain a degree, and get paid a salary over the four-year course. Giving you a Flying Start into a career in Technology.

They connect business, technological and emotional intelligence to solve their clients' important problems that make a real difference. Technology is changing the way they work, and they're at the forefront – exploring new technologies and trends as they emerge. From Artificial Intelligence to Augmented Reality and 3D Printing to Drones, they're using these technologies to help their clients work better and prepare for the future. They work together with leaders to help them make new connections, push their boundaries and find new, relevant and meaningful applications for digital technologies.



Cambridge University Hospitals (CUH) are holding an open day event to promote careers in Addenbrookes Hospital. The event will be taking place on Saturday 30th November 2019 and AVM Services is participating.

The event will include tours of the hospital (including areas of the Trust that members of the public rarely get to see), hands-on demonstrations, interactive displays and CUH staff on hand ready to talk to you about their role and life at CUH.

### Careers at Cambridge University Hospitals

Areas covered by the event include:

- Administrative roles such as Receptionists, Ward Clerks, Secretaries, Project Managers, Team Leaders and Admin Assistants
- Corporate Services, including Finance, Communications and the Contact Centre

- Estates & Facilities, including Electricians, Carpenters, Plumbers, Maintenance Staff, Gardener and Engineers
- eHospital, including IT Services
- Staff Bank Services – Temporary/Flexible Working Opportunities
- Apprenticeships
- Work Experience
- Support Services, including Fire Safety Officers and Portering Services
- AVM Services
- Medirest – Domestic Services

### Andy Chew Visit



Our Year 12 & 13 students were lucky enough on Friday to hear from Andy Chew to former Managing Director of Cisco Systems in the UK. He spoke to them about how technology is changing the way we work and how the pace of change is changing.

*If you have any questions or queries relating to careers please contact the careers leader Kate Ward on [wardk@haileyburyturnford.com](mailto:wardk@haileyburyturnford.com)*