



These activities will help students to think about careers related to computer science as well as helping schools / colleges to meet Gatsby Benchmark 4

Meets specifications: AQA—3.5, 3.6 OCR—1.6 Edexcel—Topic 5

Jobs in the cyber security industry

1

Discuss jobs in the cyber security industry and show video of [Becoming a cyber investigator](#)

Students could be given time to research different jobs & careers related to computer science

2

Discuss university degree courses linked to cyber security and show video of [Studying Cyber security at University of Gloucestershire](#).

Students could be given time to research different courses related to computer science.

3

Discuss [apprenticeships](#) in the cyber security industry that include a cyber intrusion analyst & a cyber security technologist. Explain that there are different levels of apprenticeship & that higher apprenticeships end up leading to a similar level qualification to a university degree. Students could be given time to research different levels of apprenticeships.

4

For higher level students you can introduce the idea of [MOOCs](#) (free, online courses) that can help a student decide if studying a higher level course is suitable. There are many different topics to choose from: e.g. [The Cyber Security Landscape](#)—developed by Coventry University

5

Introduce the students to TED talks as these will help the students to decide if learning about cyber security at university is something they would like to pursue. There are many talks on [cybersecurity](#)

E.g. [The five laws of cybersecurity](#) by Nick Espinosa

6

Homework Activity: Students could spend more time researching jobs / courses related to computer science by using [Careerpilot](#) and feedback next lesson any that they are interested in.

For more information on careers linked to computer science go to:

<https://www.careerpilot.org.uk/job-sectors/subject/computing>

