

Jobs in the cyber security industry



To complement teaching of cyber security:

AQA— 3.5, 3.6

OCR— 1.6

Edexcel— Topic 5

Suggested activities for subject teachers—each would take approx. 15—20 mins.

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 space at university is something they would like to pursue. There are many relevant talks on Cyber Security.

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

Homework Activity: Students could spend more time researching jobs / courses related to computer science by using [Careerpivot](#) 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>