Lesson 1
Define the terms ‘cybersecurity’ and ‘network security’

Conceptual background

Lesson 2
Describe the features of a network that make it vulnerable to attack

Motives, ethical and social

Lesson 3
Analyse an attack on a company and identify what motivated the hackers

Lesson 4
Understand the impact of cybercrime on businesses and individuals

Lesson 5
Identify and describe non-automated forms of cyberattack

Lesson 6
Demonstrate knowledge of social engineering

Lesson 7
Identify and describe automated forms of cyberattack

Analyse a cyberattack and identify the weaknesses that enabled it to happen

Identify how software can be used to protect from cyber attacks

Describe ways that organisations use software to protect against cyberattacks

Understand the need for, and importance of, network security

Explain common methods of network security

Describe different methods of identifying cybersecurity vulnerabilities

Lesson 8
Evaluate the potential for cybersecurity careers

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