Learning graph
Year 9 – Cybersecurity

Lesson 1
Identify the most effective methods to prevent cyberattacks

Lesson 2
Explain how networks can be protected from common security threats

Lesson 3
Compare security threats against their probability and potential impact on organisations

Lesson 4
Question how malicious bots can have an impact on societal issues

Lesson 5
Examine how different types of malware cause problems for computer systems

Lesson 6
List the common malware threats

Conceptual background
Explaining the difference between data and information

Legal, ethical, and social
Implement strategies to minimise the risk of data being compromised through human error

Threats
Identify what happens to data entered online

Prevention
Critique online services in relation to data privacy

Explain the need for the Data Protection Act
Explain the need for the Computer Misuse Act
Define hacking in the context of cybersecurity
Identify strategies to reduce the chance of a brute force attack being successful
Identify the most effective methods to prevent cyberattacks

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