Learning graph
Year 9 – Cybersecurity

- Identify the most effective methods to prevent cyberattacks
- Explain how networks can be protected from common security threats
- Compare security threats against their probability and potential impact on organisations
- Question how malicious bots can have an impact on societal issues
- Examine how different types of malware cause problems for computer systems
- Explain how a DDoS attack can impact users of online services
- Define hacking in the context of cybersecurity
- Recognise how data breaches are caused by humans
- Explain how a botnet attack can impact users of online services
- Identify strategies to reduce the chance data being accessed by unauthorised bodies
- Identify the need for the Computer Misuse Act
- Explain the need for the Data Protection Act
- Explain how networks can be protected from common security threats
- Explain the need for the Data Protection Act
- Explain the difference between data and information
- Identify what happens to data entered online

Resources are updated regularly — the latest version is available at: ncce.io/tcc

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