



LEARNING JOURNEY

COMPUTING

CYBERSECURITY

GOLDEN
THREAD
QUESTION

This unit takes us on an eye-opening journey of discovery about techniques used by cybercriminals to steal data, disrupt systems, and infiltrate networks. We will start by considering the value of their data to organisations and what they might use it for. We will then look at social engineering techniques used by cybercriminals to try to trick users into giving away their personal data. We will look at the more common cybercrimes such as hacking, DDoS attacks, and malware, as well as looking at methods to protect ourselves and our networks against these attacks.

TUDOR HABITS

You will develop grit and resilience as you use your computational thinking skills to solve problems caused by threats to computer networks.

VOCABULARY

Data, information, cyber, system, network, data protection (Act), social engineering, DDoS, (black/white hat) hacking, brute force, Computer Misuse Act, malware, bot, data breach, security, privacy, identity

