

Kit's Guide to Digital Fortresses: Understanding Cybersecurity

Learning objective: To understand the importance of online safety and explain how to protect personal data from digital threats.

Use this scaffold to write a persuasive guide for your peers about staying safe online. Use formal, informative language to explain the importance of cybersecurity.

In our increasingly connected world, protecting your digital identity is as essential as locking the front door of your home.

Word bank: encryption · authentication · vulnerable · consequently · furthermore · cybersecurity · unauthorised · nevertheless · malicious · integrity

1. Introduction: Why is cybersecurity important in the modern age? Start by defining what personal data is... (2 marks)

2. The Anatomy of a Strong Password: Explain why complex passwords are a crucial line of defence. What makes a password 'strong'? (3 marks)

3. Identifying Risks: Describe how a user might identify a 'phishing' attempt or a suspicious link. What should they do if they encounter one? (3 marks)

4. Explain why two-factor authentication is considered a superior security measure compared to a simple password alone... (3 marks)

5. Justify your answer: Why is it important to never share personal information with people you do not know in real life? (3 marks)

6. Conclusion: Summarise the main responsibilities a digital citizen has to keep themselves and their community safe... (2 marks)

Extension challenge: Imagine a scenario where a company's entire database is compromised. Write a short report from the perspective of Kit the Fox, explaining the potential consequences for the customers and suggesting three specific steps the company could take to prevent future security breaches. Compare and contrast the risks of using the same password for multiple accounts versus using a unique password manager.