

Kit's Cybersecurity Masterclass: Protecting Our Digital Footprint

Learning objective: To understand the importance of cybersecurity, including the creation of secure passwords and identifying potential online risks.

Join Kit the Fox as you explore how to stay safe online. Use this fact-file to map out your own security strategy. Think carefully about how to keep your personal data private and why digital safety is vital for everyone in our community.

Word bank: Encryption · Cybersecurity · Phishing · Authentication · Password · Privacy · Digital footprint · Malware

1. Password Protocol: Explain why using a complex, unique password for different accounts is more secure than using one simple password for everything. (3 marks)

2. Identifying Threats: Describe what a 'phishing' attempt might look like and explain why it is important to verify the sender before clicking on any links. (3 marks)

3. Personal Privacy: Justify why it is essential to keep personal information, such as your home address or school name, off public social platforms. (3 marks)

4. The Digital Footprint: What might happen to a person's future reputation if they post inappropriate or unkind content online today? Explain your reasoning. (4 marks)

5. Compare and Contrast: Compare the security of a password like 'Monkey123' versus a passphrase like 'Blue-Whale-Sings-At-Midnight-88!'. Which is stronger and why? (3 marks)

6. Scenario Analysis: If you receive an urgent message from an unknown person asking for your login details to 'fix a computer error', what steps should you take? (4 marks)

Extension challenge: Creative Challenge: Design an original 'Cyber-Safety Poster' for your classroom. Your poster must include a catchy slogan, a list of three golden rules for internet safety, and a creative illustration showing how Kit the Fox might defend a digital network from a 'malware' threat.