Kit’s Cyber-Security Shield

Learning objective: To understand the importance of strong passwords, personal data protection, and recognising potential online threats.

Kit the fox is building a digital fortress to keep his online data safe. Help Kit identify which actions make a 'Strong Shield' (Safe) and which are 'Digital Gaps' (Unsafe). For each scenario, decide if it is safe or unsafe and explain why, using the word bank to help you.

Word bank: Two-factor authentication · Phishing · Personal data · Complex password · Cyber-criminal · Secure · Encrypted

1. Scenario 1: You use your birthday and your pet's name as your gaming account password. Is this a 'Strong Shield' or a 'Digital Gap'? Explain why. (2 marks)

2. Scenario 2: An email pops up telling you that you have won a prize, but you must click a link and enter your home address to claim it. What is this type of threat called? (2 marks)

3. Scenario 3: A website asks for your full name, your school address, and your mobile number. Should you share this? Why or why not? (2 marks)

4. Scenario 4: You enable 'Two-factor authentication' on your account. How does this extra step help keep your account secure? (2 marks)

5. Scenario 5: You create a password that is 12 characters long, using a mix of capital letters, numbers, and symbols. Why is this better than a short password? (2 marks)

Draw: Draw a 'Digital Fortress' for Kit the fox. Include symbols of security like a padlock, a shield, or a key to show how you protect your online information.

Extension challenge: Design a 'Safe Online User' pledge for your classroom. Write down three rules everyone should follow to ensure they are protecting their personal data when using the internet.