

Kit's Cybersecurity Challenge: Keeping Data Safe

Learning objective: To understand the importance of secure passwords and identifying potential online threats to protect personal information.

Kit the fox is building a secure digital den, but he needs your help to sort out good habits from risky ones. Read the list of actions below and decide if they are 'Secure' or 'Risky'. Write your decision in the box, and if you choose 'Risky', explain one simple change to make it safer.

Word bank: Password · Cybersecurity · Personal Information · Phishing · Two-factor authentication · Secure · Risky

1. 1. You create a password that is your favorite color followed by your pet's name and your birthday. Is this Secure or Risky? Why? (2 marks)

2. 2. You receive an email from a stranger asking for your home address and your parent's phone number to win a prize. Is this Secure or Risky? Why? (2 marks)

3. 3. You share your secret gaming account password with your best friend because they promised not to tell anyone. Is this Secure or Risky? Why? (2 marks)

4. 4. You use a mixture of capital letters, numbers, and symbols to create a unique password for your school project account. Is this Secure or Risky? Why? (2 marks)

5. 5. A website you have never heard of asks you to click a link to 'verify' your identity by entering your full name and the cost of your last online store in £. Is this Secure or Risky? Why? (2 marks)

Draw: Draw a 'Digital Shield' that protects Kit the fox's computer. Inside the shield, draw three symbols that represent safe online habits, such as a padlock or a shield icon.



Extension challenge: Design a 'Safe Password Recipe' for Kit. Write down three rules for creating a strong, hard-to-guess password without using any personal details like names or birthdays.