

Kit's Cyber-Security Challenge

Learning objective: To understand the importance of strong passwords, online safety, and protecting personal information.

Join Kit the fox as we learn how to stay safe in the digital forest! Read each question carefully and circle the best answer. Remember: keep your digital keys safe!

Answer Key: 1(C), 2(True), 3(B), 4(False), 5(C), 6(A), 7(True), 8(False), 9(Personal), 10(True). Note: Passwords should be long, include symbols, and never be shared. Phishing is a trick to steal data.

Word bank: Password · Phishing · Personal · Secure · Private · Encrypted · Cyber-safety

1. Kit wants to create a secure password. Which of these is the safest? A) monkey123 B) password C) K!t_Loves_B00ks_24 D) 12345678 (1 mark)

2. True or False: It is safe to share your home address or school name with people you meet in online games. (1 mark)

3. What is the name for a message that tries to trick you into revealing secret information? A) A digital hug B) Phishing C) A download D) A status update (1 mark)

4. True or False: If a website is not secure, you should enter your full name and bank details immediately. (1 mark)

5. Who should you tell if someone online asks to meet you in person? A) Nobody B) A friend in the game C) A trusted adult D) Your pet (1 mark)

6. What does a 'strong' password usually include? A) Letters, numbers, and symbols B) Only your name C) Only numbers D) Your birthday (1 mark)

7. True or False: Your computer can sometimes be protected by a 'firewall', which acts like a digital shield. (1 mark)

8. True or False: Using the same password for every single website is the best way to stay safe. (1 mark)

9. Fill in the blank: You should never share your _____ information, such as your phone number or passwords, with strangers online. (1 mark)

10. True or False: You should always log out of your account when you finish using a shared computer. (1 mark)

Draw: Draw a 'Digital Shield' that protects your computer. Inside the shield, draw three symbols that represent ways you can stay safe online (like a padlock for a password or a stop sign for strangers).



Extension challenge: 1. Explain why using your pet's name as a password makes it easier for a computer to be hacked. 2. Compare and contrast a physical key for your front door with a digital password for your email. 3. Justify your answer: Why is it important to tell an adult if you see something online that makes you feel uncomfortable? 4. What might happen if you accidentally shared your password with a friend who then shared it with others? 5. If you were designing a new app, what security features would you include to keep children safe? 6. Research and describe the difference between a 'public' and 'private' social media profile.