Digital Detectives: Staying Safe Online

Learning objective: I can identify cybersecurity threats and explain how to protect my personal information online.

About 20 minutes. Grown-up tip: Please read these scenarios with your child to discuss why online privacy is important and who they can talk to if they feel worried.

Read each scenario carefully. Use your knowledge of digital security to identify risks and suggest safe actions. Example: If you receive an email from a stranger asking for your address, you should not reply and tell a trusted adult immediately.

Word bank: password · phishing · encryption · two-factor authentication · cybersecurity · privacy settings · digital footprint

1. Kit the fox is creating a new account for a school project. He wants to use the password 'Fox123'. Explain why this is not a secure choice and suggest a better alternative. (2 marks)

2. Amira receives a message from an unknown sender claiming she has won a £500 gift card. The message asks her to click a link to 'claim her prize'. What is this type of threat called, and what should she do? (2 marks)

3. Why is it important to check the 'privacy settings' on social media or gaming platforms? Give one reason. (1 mark)

4. Zainab is using a public computer at the local library to check her email. What two things must she remember to do before she leaves the desk to stay safe? (2 marks)

5. Explain what 'two-factor authentication' (2FA) is. Why does it provide an extra layer of security for your accounts? (2 marks)

Draw: An illustration of Kit the fox sitting at a computer with a shield icon on the screen, representing online safety.

Extension challenge: Research what a 'strong password' really means. Create a set of three 'Golden Rules' for your classmates to follow to keep their personal data safe online.

I did it! Name: _____ Date: _____

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