

Year 5 Computing: Mastering Digital Citizenship and E-Safety

Learning objective: To evaluate the risks of online interactions and demonstrate a secure understanding of digital footprints, privacy, and cyber-bullying protocols.

Read each question carefully. Write your answers clearly in the spaces provided. Ensure your responses demonstrate both technical knowledge and thoughtful decision-making.

Kit the fox is creating a new profile for a collaborative coding club. Kit knows that to stay safe online, they must be mindful of what information is shared, who they are communicating with, and how to protect their account from unauthorised access. Kit wants to ensure that everything posted today contributes positively to their online reputation for the future.

Word bank: Digital footprint · Cyber-bullying · Privacy settings · Personal data · Secure password · Phishing · Two-factor authentication · Report · Block

1. Define the term 'digital footprint'. Why is it important for a Year 5 pupil to consider their digital footprint before posting a comment or image? (2 marks)

2. Kit receives an unexpected message from a stranger asking for their home address and school name. Explain the specific steps Kit should take to handle this situation safely. (3 marks)

3. Compare and contrast a 'strong' password and a 'weak' password. Provide an example of each to justify your reasoning. (3 marks)

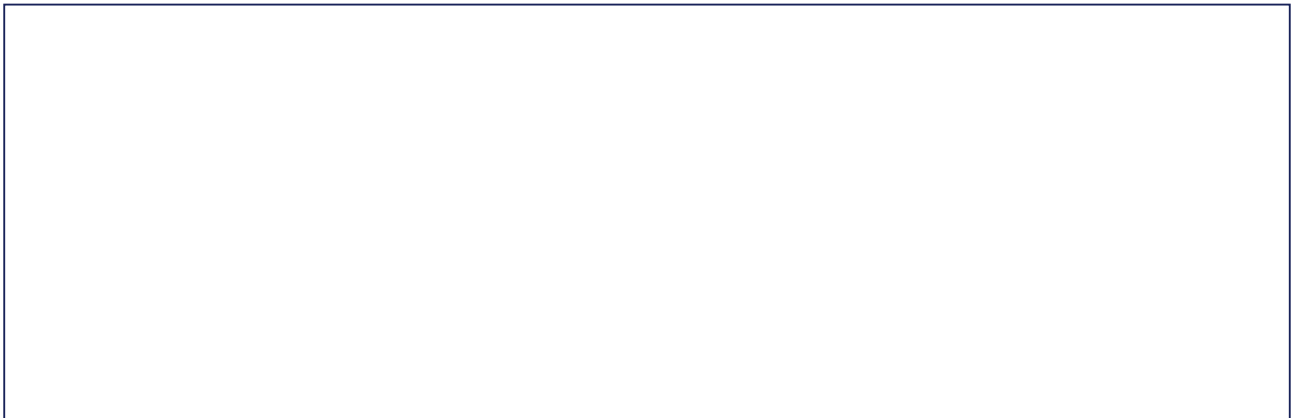
4. What is 'phishing'? Describe how a user might identify a suspicious email or link designed to steal personal information. (3 marks)

5. Explain why it is vital to keep privacy settings updated on social platforms or gaming accounts. What might happen if these settings are left at their default level? (4 marks)

6. If a friend is being targeted by cyber-bullying, justify why it is better to 'Report' and 'Block' the perpetrator rather than engaging in a retaliatory conversation. (5 marks)

7. Describe the function of 'two-factor authentication' and explain why it provides a superior layer of security compared to a single password. (5 marks)

Draw: Design a colourful 'Digital Safety Poster' aimed at younger pupils. Include at least three clear icons or symbols that represent safe online behaviours, such as locking data or reporting unkind messages.



Extension challenge: Total: /25. Creative Task: Write a short, persuasive script for a 30-second video clip that teaches other children how to be 'Upstanders' rather than 'Bystanders' when they witness online unkindness. Consider the impact of language and empathy in digital spaces.