

Name: _____ Date: _____

Cybersecurity Logic Challenge for 4th Grade

Risk assessment, digital footprint analysis, and multi-factor authentication concepts. This advanced evaluation reinforces defensive thinking and proactive digital citizenship.

1. An online game platform asks you to download a 'Super-Speed Patch' from a third-party website to make your character run faster. What is the most logical first step to analyze this situation?

- A. Download it quickly before the link expires.
- B. Check if the official game developer released the patch.
- C. Ask a friend if they have used the patch before.
- D. Ignore the download and uninstall the game forever.

2. A digital footprint only includes things you intentionally post, like photos or comments, and does not include websites you visit or things people tag you in.

- A. True
- B. False

3. A hacker uses a program to quickly try thousands of common words to guess a password. This is called a 'Brute Force' attack. Which password would be the hardest for this program to crack?

- A. Password123
- B. BlueElephant
- C. Tr0p!c#Kiw19
- D. 12345678

4. While using a school computer, you find that the student who used it before you forgot to log out of their email. What is the most responsible action to take?

- A. Read their emails to make sure they aren't being bullied.
- B. Send a 'reminder' email to them from their own account.
- C. Log them out immediately without looking at their data.
- D. Close the browser window but leave the account logged in.

5. Two-Factor Authentication (2FA) is safer than just a password because a hacker would need both your password and your physical device to get into your account.

- A. True
- B. False

6. You receive a text message saying 'Your tablet has a virus! Click here to clean it.' This is an example of 'Smishing.' What is the primary goal of the sender?

- A. To help you fix your computer for free.
- B. To trick you into giving away personal info or clicking a link.
- C. To test if your phone number is still active.

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D. To update your tablet's operating system.

7. You are creating a profile for a new educational app. Which set of information is the SAFEST to share publicly?

- A. Your first name, school name, and birth year.
- B. A creative avatar, a nickname, and your favorite color.
- C. A photo of your face, your street name, and your age.
- D. Your full name, your teacher's name, and your hobby.

8. If a website has a padlock icon in the address bar (HTTPS), it means the website is 100% safe and the people running it can be trusted with your secrets.

- A. True
- B. False

9. A 'Firewall' is a security system that monitors incoming and outgoing network traffic. Which of the following best describes its job?

- A. Cleaning the dust out of a computer's hardware.
- B. A filter that blocks unauthorized data from entering a network.
- C. A physical wall built around a server room.
- D. A program that makes the internet run faster.

10. While gaming, another player offers to give you 'free currency' if you give them your login token or cookie info. Why is this a major security risk?

- A. It might be against the game's rules.
- B. Tokens can allow them to bypass your password and take your account.
- C. The currency they give you might be fake.
- D. It makes the game too easy and less fun.