

Name _____

Defending Your Digital Fortress: Protecting Your Computer from Malware and Viruses

Short Answer Key

1. Strong and unique passwords are crucial because they are difficult for hackers to guess. They add a layer of security by making it challenging for unauthorized individuals to access your accounts, protecting your computer and sensitive information.
2. Keeping your operating system and software updated is vital because updates often include security patches that fix vulnerabilities. These vulnerabilities could be exploited by cybercriminals to gain unauthorized access to your computer or steal your data.
3. If you receive an email with a suspicious attachment, you should avoid opening it. Delete the email immediately and do not click on any links or download any files from the suspicious email. It's important to exercise caution to prevent potential malware infections.
4. A firewall acts as a protective barrier around your computer, monitoring incoming and outgoing network traffic. Its primary function is to block potentially harmful data and traffic, preventing unauthorized access and potential cyberattacks.
5. It's crucial to avoid clicking on pop-up ads because they may lead to websites that contain malware or attempt to trick you into downloading harmful software. Clicking on pop-up ads can pose a significant security risk to your computer.

