



7. PROTECTING YOUR COMPUTER

1. Look at the definitions below, and match them to the following terms: *firewall*, *adware*, *virus*, *spyware*, *cookie*

Definition	Term
Software that makes adverts 'pop up' on your screen, even when you are not on the internet	adware
Software that sends your personal information, such as the websites you visit and your username and password, to companies that would find this information useful	spyware
A small information file that is left on your computer's hard drive when you visit a website. When you visit again, the website recognises you.	cookie
A defence system that prevents people from using your internet connection to tamper with your computer	firewall
A program designed to alter the way a computer operates, without the knowledge or consent of the user	virus

2. In each of the cases below, imagine that you are giving advice to someone who has little or no computer knowledge. Explain the advice in a way that is easy to understand. If you use technical words, explain what they mean. Use examples and write enough to fill the textbox.

- a. Install virus protection on your computer, and keep it up to date.

Look on the internet for a virus protection software and purchase it. Look for updates regularly.

- b. Make sure that your firewall is activated. If you do not have one then get one!

Make sure you have a firewall in place and that you make sure it is on all the time.

- c. Get software updates, particularly for your operating system.

Update your software as the new codes may be uncracked ones. Your operating system is important as it controls the computer.

- d. Take great care when downloading files or programs from the internet.

Check that a file is legitimate before you click it as then you are not downloading a virus by accident.

3. Why should you back up your computer and its contents? What methods can you use to back up data? Which would you recommend?

Back up your computer and content using the cloud or usb sticks so that you can reset your computer if a virus takes over.