



## Key Knowledge

Behaviours such as altering computer data without permission, hacking, cyberbullying and trolling are considered unethical and harmful in relation to computer systems. Stay safe from phishing by deleting unknown email immediately. Do not follow any links contained in the email. Instead, go to the website directly, and try to log in there. There are a number of ways to protect against malware: install antivirus software and use firewall. Show caution by not opening emails from senders who you do not recognise and not installing programs downloaded illegally. The easiest way to stay safe online is to stay in control of personal information given out. Resizing images and compressing files reduces the upload and download time when sending email. File Explorer is a software application for managing your files, searching them and navigating around them. Always choose a password that's difficult for someone else to guess. Use a mixture of UPPERCASE and lowercase letters, numbers and symbols.

### Staying safe online

Never disclose your name telephone number address or school  
Never accept someone as a 'friend' on social media simply because they claim to know another friend of yours. Always be cautious about what you say online.  
Never agree to meet anyone in person that you've only known online. If somebody does start sending you messages that offend or upset you, tell an adult that you trust.

### Useful Links

<https://www.saferinternet.org.uk/>  
<https://www.thinkuknow.co.uk/>  
<https://www.childline.org.uk/>

## Key Vocabulary

<b>Attachment</b>	A file that is sent with an email.
<b>Anti-virus</b>	Anti-virus software scans all forms of storage devices for viruses and, if found, attempts to isolate and remove.
<b>Computer system</b>	Computer system is one that is able to take a set of inputs, process them and create a set of outputs.
<b>Cyberbullying</b>	Cyberbullying involves sending offensive texts or emails, posting lies or insults on social networking sites and sharing embarrassing videos or photos online.
<b>File sharing</b>	The act of sharing files over the internet
<b>Hack</b>	Gaining unauthorised access to a computer.
<b>Malware</b>	Malicious software created to damage or gain illegal access to computer systems.
<b>Phishing</b>	Trying to trick someone into giving out information over email is called 'phishing'.
<b>Troll</b>	A derogatory name used as a term for a person who posts offensive messages online.