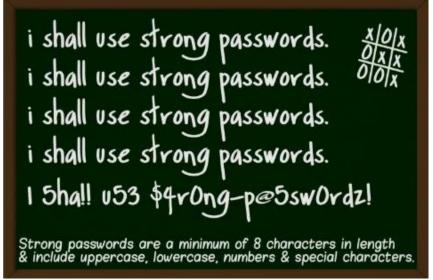# Computing Department Knowledge Organiser: Year 9 Cybercrime

Protecting your identity online

- Don't include personal data such as your date of birth, address, phone number in your profile
- Don't post photos taken at home – and if you do, make sure location sharing is OFF
- Be aware of your privacy settings

Rules for creating secure passwords

- Don't use common names, words or dates such as birthdays
- Use different passwords for different sites
- Use a mix of characters - capital letters, lowercase letters, numbers and symbols

i shall use strong passwords.
i shall use strong passwords.
i shall use strong passwords.
i shall use strong passwords.
I 5ha!! u53 $4r0ng-p@5sw0rdz!

Strong passwords are a minimum of 8 characters in length & include uppercase, lowercase, numbers & special characters.

Key Terms	What it means?
Cybercrime	A crime committed using a personal computer, laptop, smartphone and the internet (network).
Hacking	Illegally accessing or modifying computer files without permission.
Malware	Malicious software, a small program which enters a computer or network through a downloaded file or vulnerability in a network.
Virus	A type of malware which replicates and installs itself on your computer without your consent.
Spyware	Spyware is a type of virus that is specifically designed to steal information about your activity on your computer.
GDPR (Data Protection Act)	General Data Protection Regulation – the law which sets out how your personal data is protected by those who hold it.
Intellectual property (IP)	Creations of the mind for example art, music, software, books or films.
Copyright	Protection that owners of intellectual property have to prevent their work being illegally copied.
Plagiarism	Copying someone else's work and presenting it as your own.

Types of E-mail/Messaging Scams	What it means?
Phishing	An email which looks like it's from your bank or other organisation. It sends you to a fake website which tricks you into handing over sensitive or personal information.
Trojan	An email which offers something tempting to look at such as a funny video. When you click on the link, it installs a virus on your computer.
Ransomware	A type of malicious software that is planted on your computer system or smartphone and is designed to block your access until a sum of money is paid.
Virus generated	An email which appears to come from a friend which may include a recommendation and a link to find out more.

What is phishing?

- Phishing is when you receive an email or text message which looks like it's from your bank or other organisation and it tries to trick you into handing over sensitive or personal information e.g. bank details or PayPal details.

What is the difference between copyright theft and plagiarism?

- Copyright theft is when you use or steal somebody else's intellectual property without their permission. Plagiarism is when you pass off somebody else's work as your own.

How to change your privacy settings on social media

- Be aware of your privacy settings and know how to change them.
- See **Childline digital footprint privacy settings** website for more information on how to change your privacy settings:

https://www.childline.org.uk/info-advice/bullying-abuse-safety/online-mobile-safety/taking-care-your-digital-footprint/