KNOWLEDGE ORGANISER: Computing – Online Safety - Year 4 Autumn 1

Key outcomes

- I can understand what a digital footprint is
- I can protect myself online
- I can identify risks and benefits of the internet

Key Questions

- What is meant by a digital footprint?
- What is SPAM?
- What is meant by plagiarism?

Key Resources

purple mash

2Connect   2Investigate   SPAM

AdFly
An online advertising marketplace that allows publishers to monetize their website traffic by placing advertisements on their site.

Collaborate
To work jointly on an activity or project.

Digital footprint
The information about a person that exists on the Internet as a result of their online activity.

Plagiarism
Taking someone else's work or ideas and passing them off as one's own.

Spam
Messages sent over the Internet, typically to many users, for the purposes of advertising, phishing or spreading malware.

Attachment
A file, which could be a piece of work or a picture, that is sent with an email.

Cookies
A small amount of data generated by a website and saved by a web browser. Its purpose is to remember information about the user.

Malware
Software that is specifically designed to disrupt, damage, or gain unauthorised access to a computer system.

Ransomware
A type of malicious software designed to block access to a computer system until a sum of money is paid.

Virus
A piece of code which can copy itself and typically has a damaging effect on the device, such as corrupting the system or destroying data.

Citation
Making reference to the original source of a piece of information quotation or image.

Copyright
When the rights to something belong to a specific person.

Phishing
Practice of sending email pretending to be from reputable companies in order to persuade individuals to reveal personal information, such as passwords and credit cards numbers.

SMART rules
A set of rules based around the word SMART designed to help you stay safe when online. SMART represents the words Safe, Meet, Accept, Reliable, Tell.

Watermark
Watermarks are used mainly on images or videos to show who the content belongs to.