Computing KS2 Year B – Online Safety Knowledge Organiser
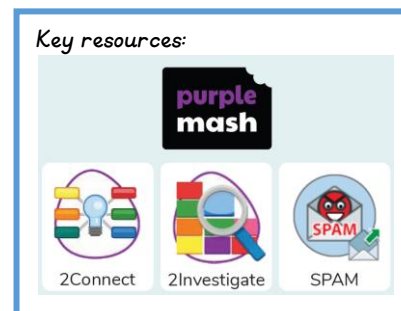
REED FIRST SCHOOL

Key words	
Attachment	A file, which could be a piece of work or a picture, that is sent with an email.
Citation	Making reference to the original source of a piece of information quotation or image.
Collaborate	To work jointly on an activity or project.
Cookies	A small amount of data generated by a website and saved by a wen browser. Its purpose is to remember information about the user.
Copyright	When the rights to something belong to a specific person.
Digital footprint	The information about a person that exists on the Internet as a result of their online activity.
Malware	Software that is specifically designed to disrupt damage or gain unauthorised access to a computer system.
Phishing	Sending email pretending to be from reputable companies in order to persuade people to reveal personal information, such as passwords and credit card numbers.
Plagiarism	Taking someone else's work or ideas and passing them off as one's own.
Ransomware	A type of malicious software designed to block access to a computer system until a sum of money is paid.
SMART rules	A set of rules designed to help you stay safe online: Safe, Meet, Accept, Reliable, Tell.
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.
Watermark	Watermarks are used mainly in images or videos to show who the content belongs to.

Key learning:
- To understand how I can protect myself from online identity theft.
- To understand that information put online leaves a digital footprint or trace.
- To identify the risks and benefits of installing software including apps.
- To understand that copying the work of others and presenting it as my own is called 'plagiarism', and understand the consequences of this.
- To identify appropriate behaviour when participating in collaborative online projects.
- To identify positive and negative influences of technology on health and the environment.
- To understand to importance of balancing game and screen time with other parts of my life.

Key resources:

purple mash

2Connect   2Investigate   SPAM

What is meant by a digital footprint?

A digital footprint is the information that exists about a person based on sites they have visited, searches that have done, information that they have shared and other online behaviour.

What is SPAM?

SPAM messages are emails or online messages sent from a computer to many other users. The users are sent the email without requesting it. The purpose of SPAM is for advertising, phishing or malware.

What is meant by plagiarism?

Plagiarism refers to using someone else's work and claiming it to be your own.