

Year 4 Scheme of Learning: Computing

Year 4 – Online Safety

Lesson 1	
Learning Objective	To understand how to protect ourselves online.
Declarative Knowledge	• To know how they can protect themselves from online identity theft. • To know that information put online leaves a digital footprint or trail and that this can aid identity theft. Children know that security symbols such as a padlock protect their identity online. • To know the meaning of the term 'phishing' and are aware of the existence of scam websites. • To know what a digital footprint is and how it relates to identity theft. • To give examples of things that they would not want to be in their digital footprint
Key Vocabulary	Report, SMART rules, spam, attachment, phishing, digital footprint.

Lesson 2	
Learning Objective	To identify the risks and benefits of installing software including apps.
Declarative Knowledge	• To know possible risks of installing free and paid for software. • To know that malware is software that is specifically designed to disrupt, damage, or gain access to a computer. • To know what a computer virus is.
Key Vocabulary	Report, SMART rules, spam, attachment, phishing, digital footprint, malware, software, virus, AdFly, ransomware, cookies.

Lesson 3	
Learning Objective	To understand the term plagiarism and to understand the consequences.
Declarative Knowledge	• To know whether activities that they undertake online, infringe another's' copyright. They know the difference between researching and using information and copying it. • To know about citing sources that they have used.
Key Vocabulary	Report, SMART rules, spam, attachment, phishing, digital footprint, malware, software, virus, AdFly, ransomware, cookies, plagiarism, watermark, citation, copyright, collaborate.

Lesson 4	
Learning Objective	To identify the positive and negative influences of technology on health and the environment
Declarative Knowledge	- To know how to take more informed ownership of the way that they choose to use their free time. They recognise a need to find a balance between being active and digital activities. - To know the reasons for limiting screen time.
Key Vocabulary	Report, SMART rules, spam, attachment, phishing, digital footprint, malware, software, virus, AdFly, ransomware, cookies, plagiarism, watermark, citation, copyright, collaborate, data analysis, collaborative database.

Lesson 6 – SCARF PSHE	
Learning Objective	To know and explain strategies for safe online sharing.
Declarative Knowledge	- To know how text and images in the media and on social media can be manipulated or invented. - To know the implications of sharing images online without consent.
Key Vocabulary	Online, sharing, pictures, consent.