



St Andrew's C of E Maghull

Computing Knowledge Organiser

Year 5 –Autumn 2 – Online Safety



Key Knowledge

To gain a greater understanding of the impact that sharing digital content can have.

To review sources of support when using technology and children's responsibility to one another in their online behaviour.

To know how to maintain secure passwords.

To understand the advantages, disadvantages, permissions and purposes of altering an image digitally and the reasons for this.

To be aware of appropriate and inappropriate text, photographs and videos and the impact of sharing these online.

To learn about how to reference sources in their work.

To search the Internet with a consideration for the reliability of the results of sources to check validity and understand the impact of incorrect information.

To ensure reliability through using different methods of communication.

Vocabulary

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

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

Identity theft - someone pretends to be another person online. It can be done for financial gain or to steal others' private information.

PEGI ratings show the age that digital content is suitable for and the type of content that it contains.

Password - The 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.

Reliable source - source of information that provides thorough, well-reasoned details based on valid evidence

Collaborate work jointly on an activity or project.

Creative Commons Licence Non-profit organisation who provide free licences for creators to use. If an image has a CC licence, you may usually use the image for non-commercial purposes. You must still give credit to the original creator of the image.

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

Personal information Identifying information about yourself such as your name, address and telephone number.

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.

Communication way of exchanging information for example, email, blogs, speaking, writing.

Encrypt translation of data into a secret code to achieve data security.

Ownership Who has permission or can give permission to use or edit a resource or part of the resource.

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.

Spoof An imitation of something that appears to look genuine.

Validity The quality of something being logically or factually sound.

Lesson Sequence

Lesson 1

I can gain a greater understanding of the impact that sharing digital content can have. I can review sources of support when using technology. I can review children' responsibility to one another in our online behaviour.

Lesson 2

I know how to maintain secure passwords. I understand the advantages, disadvantages, permissions, and purposes of altering an image digitally and the reasons for this. I am aware of appropriate and inappropriate text, photographs and videos and the impact of sharing these online.

Lesson 3

I know about how to reference sources in their work. I can search the Internet with a consideration for the reliability of the results of sources to check validity and understand the impact of incorrect information.

Lesson 4

I can ensure reliability through using different methods of communication