

	Computing Subject Knowledge Organiser		
	Spring Term 2	Year 1	Strands covered: Information Technology – Creating Text documents

What Prior Knowledge should students have?

- Pupils should be able to use the mouse and keyboard to navigate the operating system and the internet.
- Pupils can save and retrieve documents.
- Pupils understand that technology can be used for a range of uses included presenting information.

What Skills will students learn (Disciplinary Knowledge)

- Information and Communication Technology (ICT) skills, including searching the web, copying and pasting images, and using interactive whiteboard software or PowerPoint.
- How to use the copy and paste functions to quickly and easily recreate images and text in a different document.
- How to use search engines to find appropriate and relevant content
- Critical thinking and decision-making skills related to selecting appropriate images for collections.
- Digital citizenship, including understanding copyright and ethical use of digital content.

What key knowledge will be taught (Substantive Knowledge)

- The internet is a databased of web pages, images and other media, and documents published in a public space for all to use.
- That a search engine is an online tool that functions by indexing and cataloguing web pages, documents and different types of media.
- Awareness of copyright and the importance of asking for permission before copying someone's work.

Key Vocabulary	Definition
Internet	A global network of computers that enables the sharing and retrieval of information.
Search Engine	An online tool that allows users to search for information on the internet.
Clip art	Pre-made images or graphics that can be copied and used in various projects.
Digital photographs	Images captured using a digital camera or created digitally.
Copyright	Legal protection given to original works, preventing others from copying or using them without permission.
Creative Commons	A licensing system that allows creators to grant permissions for the use of their work.
Copy and paste	The action of duplicating content from one location and inserting it into another.
Digital content	Information, media, or resources that are created, shared, and accessed digitally.

Online Safety
<ul style="list-style-type: none"> • This unit introduces the idea of content ownership and copyrighting. User should be sensitive to the fact that each image, for example, has an owner and they have control over whether their work can be copied or not. • The opportunity to reinforce Online Safety rules around sharing personal information in the form of pictures and videos • It also highlights the subject a validity and potentially inappropriate content hosted online. Pupils should be reminded that they should close the lid of the laptop and tell an adult straight away if they see something that makes them uncomfortable.