

Computing Subject Knowledge Organ	

Year 1

Strands covered: Information Computing Technology

What Prior Knowledge should students have?

- How to search the internet using an appropriate search engine to find images and content on a specific topic.
- Online Safey Copyright and Ownership: basic understanding of 'ownership' digital information presented online.
- SMART Rule for interacting with technology.

Key Vocabulary	Definition
Keyboard	The set of buttons you press to type letters, numbers, and symbols on a computer.
Computer Program	A tool or game you use on a computer, like a painting program or a typing game.
Software	Programs or apps on a computer or tablet that you can use to do different things, like write, draw, or play games.
Text	The words you write on a card or a computer screen.
Image	A picture or drawing, like a photograph or a cartoon.
Copyright	A rule that says who can use a picture, song, or other creative work, and how they can use it.
Template	A pattern or outline you can use to make something specific, like a card or a picture.

What Skills will students learn (Disciplinary Knowledge)

- The purpose and elements of greetings cards, developing keyboard skills, using software like Microsoft Publisher, and exploring image search and editing.
- That software such as Microsoft Publisher can be used to create and edit cards, searching for and personalising images.
- How greetings card are designed, including having an awareness of image copyright and 'digital etiquette'.

What key knowledge will be taught (Substantive Knowledge)

- Understanding the purpose and elements of a greetings card, including text, imagery, and layout.
- Learning the layout of the keyboard, typing strategies, and using basic keyboard functions like capitalization and punctuation.
- Introduction to software like Microsoft Publisher for layout and editing, including text formatting and image insertion.

Online Safety

- Opportunities to revisit themes of Copyright and Ownership when creating digital content such as sound effects and voice recordings.
- Chance to revisit reliability of internet sources when searching for information.