

CREATIVITY & PRODUCTIVITY



- Copy and paste are functions that can be used on a computer to duplicate text or images. The shortcut keys on Windows for Copy are Ctrl + C and for Paste are Ctrl + V.
- Files can be stored in folders in order to organise a workspace and keep things safe and in order.
- Formatting is the term used to refer to the organisation of text and images on computer programs.
- Microsoft PowerPoint is a presentation program that can be used to present information in a range of interesting and engaging ways.

COMPUTATIONAL THINKING



System - Computers work through various systems, which communicate with each other.

Input - Information which is sent to a computer for processing.

Process - The operation of a programme running in a computer.

Output - Information produced by a computer as a result of input, such as text displayed on a monitor or sound produced from speakers.

Search Engine - Software programme that helps people find information using key words and phrases.

SAFE & RESPONSIBLE USE



Security - Using good habits for securing hardware and software.

Two-step verification - A security process where logging in to a service requires two steps. For example, you may have to enter your password and enter a code that was sent to your mobile phone.

Password - A secret combination used to access something.

Hacker - A person who uses a computer to gain access to private information without permission.

Scammer - Someone who cheats or tricks someone else into giving away their private information or even money.

Age Rating - An indication of how appropriate a game or App is to use, depending on the content of the game or App.

INSPIRATIONAL PEOPLE

Tim Berners-Lee

Inventor of the World Wide Web, which made it easier to share documents with other scientists.



CAREERS



Algorithm developers create and fix code by employing logic and reasoning. Their main role is to solve computational problems by researching, designing and testing sequences. Developers could earn up to £65,000 a year.

Key vocabulary and meanings

Algorithm - An algorithm is a precise sequence of instructions, or set of rules, for performing a task.

***Web Crawler** - Used by search engines to index web pages, examining the information on web pages and websites.

***Hacking** - When the computer hardware and software are altered, causing damage to important data or stealing secret information.