



Computing

Substantive and Disciplinary Knowledge

Substantive Knowledge

- Knowledge of hardware, software, programmes and applications

Substantive knowledge in computing is understanding how to use technology, how to be safe and knowing how to program.

In the 3 areas of Computing, substantive knowledge is:

- Computer Science - The technical design. The design of new software, the solution to computing problems and the development of different ways to use technology
- Information Technology - The technical knowledge. The design, use and understanding of hardware and software; computers and electronic systems for storing and using information
- Digital Literacy - The technical skills. The ability to use information and communication technologies to find, create, evaluate, and communicate information

Disciplinary Knowledge

- Knowledge of the practices of computing (how to...)

Disciplinary knowledge in computing is the use and interpretation of substantive knowledge in order to develop original digital content.

