

In this talk I want to explain the most important terms and key concepts of (and around) computing at schools.

- Computing means the broad subject area; roughly equivalent to what is called ICT in schools and IT in industry, as the term is generally used.
- Digital literacy is the general ability to use computers, regarded as as combinations of hard- and software, usually connected to a network.
- Information (and Communication) Technology (IT, ICT): The use of computers, in industry, commerce, the arts and elsewhere, including aspects of IT systems architecture, human factors, project management, etc.
- Computer Science means the rigorous academic discipline, encompassing programming languages, data structures, algorithms, etc.
- Coding: The writing of programs, regarded as pieces of text in specific languages that can be processed by computers directly.
- Programming is usually understood anywhere between two extreme meanings: in the most narrow sense it just means coding, while in the widest sense the whole process of software development is meant, from requirement analysis over modeling and design and coding to testing and integrating the software.