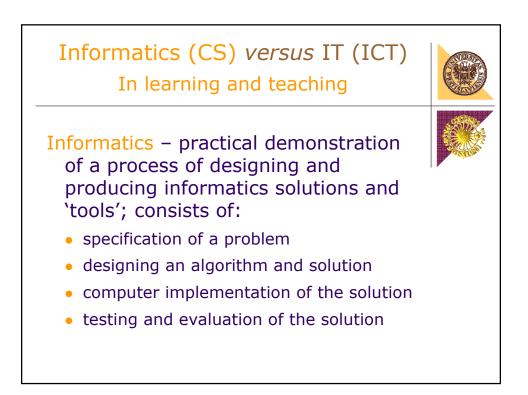
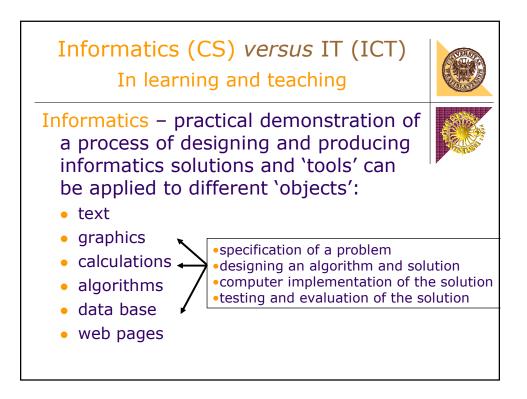


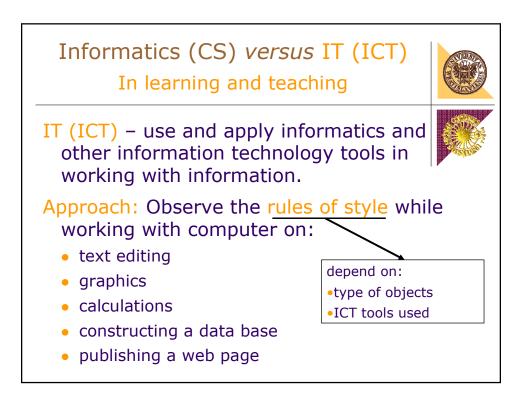


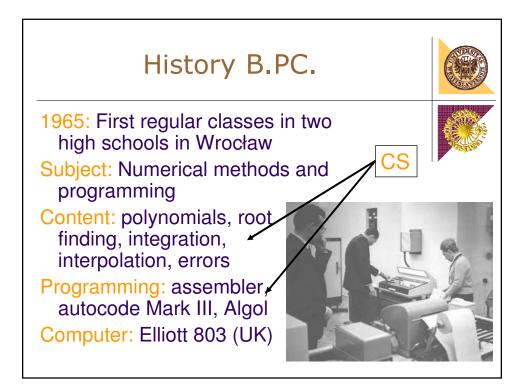
Informatics (CS) is concerned with designing and producing informatics 'tools', such as: algorithms, programs, systems, methods, theorems, ...

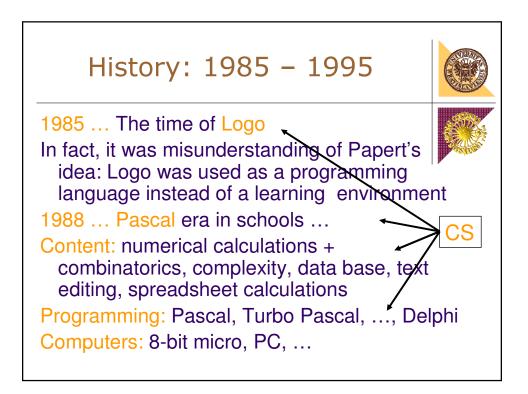
IT (ICT) concentrates on how to use and apply informatics and other information technology tools in working with information

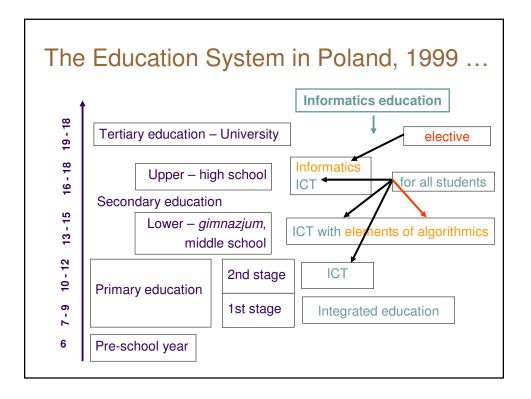


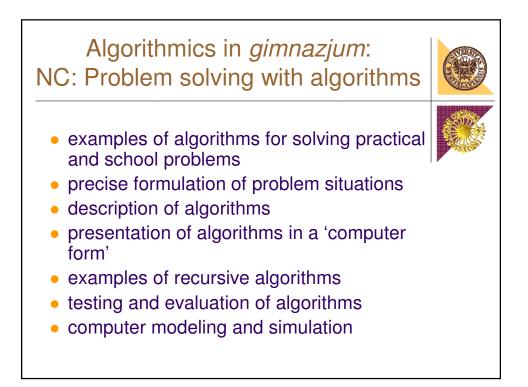












Algorithmics in *gimnazjum*: NC: Problem solving with algorithms

Sample topics:

- algorithms in mathematics
- manuals, cooking books, …
- calculations in spreadsheet
- 'algorithmic' moves of the Turtle Logo
- finding smallest or biggest elements
- finding elements in ordered sets
- organization of sport tournaments
- sorting (selection, bubble)
- greedy approach the change problem



