

ICT METHODOLOGY

This article is a overview discussing what ICT subject methodology, ICT didactics and ICT methodology are, what the philosophy of ICT is, and finally what ICT pedagogy is?

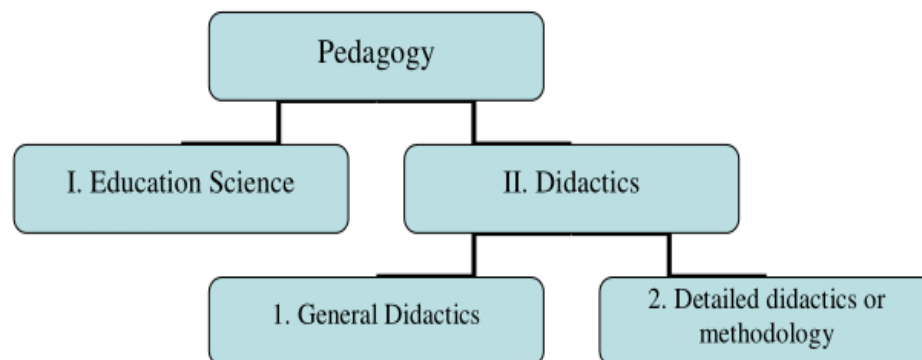
Introduction

A short mention should be made of the background of defining methodology. We would not like to go into details regarding the literature of this field of pedagogy or the battle of words on names within pedagogy. We would just like to give a really short overview.

For a long time the didactics of school subjects were not considered an independent field of science but just a "maid-servant" of pedagogy. Here comes a quotation from the encyclopaedia of pedagogy:

„Methodology (or metedics) is a very practical branch of pedagogy that is compartmentalized even according to school types. It applies universal principles to individual subjects that appear in any education; (...) it means applied detailed didactics. (...) It is of great use for teachers and instructors who are at the beginning of their carrier because it enables them to make use of the experience and contemplations of excellent practising educationalists ...”

This definition might result in the idea that methodology could at the most be an applied science of pedagogy. Ödön Weszely – following Herbart, the great "classical" – includes didactics in the family tree of related sciences as follows:



The essence of Weszely's detailed train of thought is that the part of teaching the subjects of teaching is methodology or the detailed science of teaching "... which deals with teaching methods of every subject separately and in a detailed way, and doing so, it offers principles that are valid for teaching that single subject, and therefore they are not general but detailed."

It is a kind restriction, because according to this idea the only task of this field of science is to study and describe teaching methods.

The word methodology also poses a slight problem, as it can be used in two senses. One is the methodology of scientific research, whereas the other one is the methodology of studying and systematizing the methods applied in certain task areas. In the English speaking world, for example, there is "subject methodology" and "research methodology".