



Interactive Frontal Learning Coupled with Project-Based Learning into the School

Rumyana Papancheva, Krasimira Dimitrova

rumi@parallel.bas.bg, itlearning@hotmail.com,

University "Prof. Dr Asen Zlatarov" (Bulgaria)

Abstract

The paper gives short review of the contemporary state of the learning process into Bulgarian School. The efforts of introducing interactive methods and tools modernizing the process are described. Good teaching practices are presented as a result of wide experimental work realized on national level recently.

Using the traditional class-lesson system is a mass practice in the schools in Bulgaria. Approximately 80% of the teaching material is about new knowledge. Practically, within almost every lesson students are given new facts. There is insufficient time for practicing, summarizing and assimilating of the teaching material. There is no official time into the students' schedule for working on thematic projects, for self research and creating own products. There is no official documents to control this process. All is on the teacher's wish and initiative.

To overcome this situation and to realize a smooth change, authors propose the use of interactive software and hardware products. Some examples of multi-mouse software platforms and interactive whiteboards are presented here. Including students in interesting activities makes them active participants into the learning process, which in its part, leads to high quality learning.

The interactive forms of work involves development in direction of Project-based learning, where students work as researchers and creators. One of the main accents of PBL is the team working inside and outside the school. Working in teams helps in forming personal skills like tolerance behavior, friendship, critical thinking, self-assessment, i.e.

After approbation, some models of work, take place in real learning process. There are good examples of teaching practices, and some of them are presented here.