Abstract

The ITEC Project (Information Technology in Education and Children) Panel focuses on the impact of computer use on the higher-order cognitive functions of students (aged 9 to 12). The ITEC Project is a multinational investigation of the effects of classroom computer use on children. Indications of interactions and types of computer use will be discussed. A descriptive and analytic profile of the typical "Teacher-Student" and "Student-Student" interactions at school lessons with computer use is presented. These results are based mainly on the analysis of videos presenting lessons in a variety of school subjects, software use, frequency of computer use, organization of the teaching/learning process, physical setting of the classroom, etc. (the analysis was performed by Bulgarian experts in 1990-1991 with a coding sheet of mapping sentences as an instrument for evaluation of different aspects of computer use in the classroom) as well as on ITEC Project written reports.

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