

TITLE:

Portability of transformation of lower secondary ICT education in England into the Czech conditions

AUTHOR:

Bc. Michal Strnad

DEPARTMENT:

Department of Information Technology and Technical Education

SUPERVISOR:

Doc. RNDr. Miroslava Černochová, CSc.

ABSTRACT:

This thesis deals with teaching Computing subjects at secondary schools in England as a model for transformation of teaching ICT at schools in the Czech Republic. The thesis focuses on the portability of aspects of teaching Computing to the Czech environment and endeavours to identify the possible barriers to implementation processes. The aim of the thesis is to bring new stimuli for changes in the Czech ICT curriculum that are based on the experience of teaching ICT and Computing in the UK. The theoretical part of the thesis consists of the analysis and comparison of the Czech and British curricular documents and the study of academic and journalistic texts. The empirical part uses questionnaires focused on opinions of Czech and English experts on teaching ICT or Computing. It also uses interviews with English teachers of Computing and observations of Computing and ICT lessons at English secondary schools. Based on the results of both parts of the thesis, several recommendations for changes in the ICT study program in Framework Educational Program (RVP ZV) are made.

KEYWORDS:

portability, Computing, curriculum, ICT, England