

ABSTRACT

This thesis researches and maps the development of the level of digital competencies in the area Safety during the four-year studies of students and corresponding years of multi-year grammar schools who complete their secondary school leaving examination.

The introductory part of the thesis defines the corresponding competencies and definitions of terms that are directly related to the problematics, especially: literacy (digital, information), competencies (digital), etc. From these competencies are specified those that are directly related to Safety. This is followed by an analysis and mapping of national and international researches of the level and development of pupils' digital competencies.

The research part of this thesis includes concept, realization and evaluation of data of research survey. The goal of research survey is determination of level of given competencies of pupils and the impact of education on their development. Based on the results of the research survey, factors are identified that have a direct impact on the development of these competencies in examined secondary school students. In order to extend the applicability of the results, data are collected at schools that teach courses with a diametrically different focus. The output data of research survey includes results of survey, interviews with representatives of the management of the schools involved and outputs of a tool for determining the level of digital competencies of teachers who develop digital competencies in the included pupils.

The thesis continues with the evaluation of the results of the research and ends with the making of appropriate conclusions, including a set of recommendations for further stimulation of the selected area of digital competencies.