

The thesis inquires into the introduction of information and telecommunication technologies to Czech and European curricular documents. Together with the introduction of this educational area the thesis focuses also on the subject of key competencies.

On the basis of the above mentioned facts the practical part concentrates on the application of the new teaching objectives to the system of elementary education. Action research examines possibilities and paths that lead to reaching the defined objectives and to creation of selected key competencies of fifth grade pupils in the subject "Information and communication technologies".