

ABSTRACT

This thesis monitors the past and current status of the educational area of algorithms and computer programming in elementary school, on the basis of research carried out at the Department of Information Technology and Technical Education of the Pedagogical Faculty of Charles University in Prague. It provides an overview of the different teaching methods and programs that contribute to the development of the skills of pupils, due to their age and skills achieved in this area. In the theoretical part of the thesis are explained the basic concepts of the topic of algorithms and programming, which follows the practical part with the use of these procedures in the ICT lessons and in other school subjects.