

The goals of this thesis are: to find out what role do information and communication technologies (ICT) play in learning and students' preparation for school and in what conditions and means are students using ICT for school preparation in non-school settings; and to show the current state of digital technology usage by students for school purposes, but also to hint at the potential challenges in the implementation and usage of information and communication technologies. The theoretical part consists of three aspects; it introduces the terms preparation for school and learning using information and communication technologies; analyzes the current relation of curricular documents to using ICT in schools, and summarizes results from thematically-related research. The research part of this thesis presents the results of the quantitative and qualitative research inquiry into selected high-school students and their teachers/educators. The goal of this inquiry was to determine what methods and in what conditions are students using ICT in their school preparation.