

The aim of this study is to sum up using ICT in teaching Science in primary and secondary education, emphasizing especially SBL and MBL. Data for this study were obtained from scientific articles and research, focusing on didactic and pedagogical aspects of the topic. The thesis reveals advantages, disadvantages and possible risks of using ICT and looks into the students' and teachers' opinion on these innovative methods. In conclusion, the thesis argues that the methods using ICT offer great potential, which is not being used to it's full.