The thesis titled Using tablets in primary education is focused on innovative education of primary school pupils. The theoretical part of the thesis defines terms related to digital and interactive mobile devices. It represents the tablet as one of the mobile technologies. It deals with their integration into education and consequently provides an analysis of the positive and negative impacts of this issue. The conclusion of the theoretical part is devoted to use of tablets in the subject Music. The empirical part deals with using tablets in the classroom for each subject. Based on the theory, concept of lessons and their implementation is described. Questionnaire and action research were used as the research methods.