

In terms of my master thesis I accomplished a partial research of information about using interactive whiteboard at school in the Czech Republic and abroad. I described the use of modern technologies and interactive whiteboards in the classes. I compiled my own experience and knowledge obtained during the visitation classes using an interactive board. Part of the evaluation was a questionnaire filled out by students. In the questionnaire, I examined their opinions of the benefits of working with the interactive whiteboard in classes.

In my thesis I focus on the ACTIVboard interactive whiteboard. I described the basic functionality of the ACTIVstudio application and created sample demonstration workbooks intended for teaching physics. The demonstration workbooks has been divided into three categories according to the way of using and describing their properties in detail.

In the conclusion the results and future prospects of my work are summarized. The appendix contains three demonstration workbooks in text format. All created demonstration workbooks and templates for solving the physics problems and the text of the thesis are attached in electronic format on the enclosed CD-ROM.