

The main goal of this thesis is to create an educational program suitable for inclusion in the teaching of elementary school pupils. The material provided should serve as a tool for teachers, for developing scientific thinking in their pupils and as a support in their teaching of natural sciences in this level of education. The material consists of a story, which connects several science experiments, instruction on how to perform the experiments, and work sheets. Part of the thesis is also feedback from educators on the program *O podstatě magie* (About the nature of magic) created as a part of author's bachelors thesis. Based on this feedback the author created the program *O magické bouři* (About the magical storm) presented in this work. The main part of the thesis are didactic sheets and worksheets accompanying each experiment connected by a fairy tale story. Another important part of the work is feedback received to this second program, based on which further changes to the program were made. Integral part of the thesis is the authors description of realisation of the created program in elementary school and feedback from the pupils, who were part of this realisation.