

Abstract

The diploma thesis deals with the development of geometrical imagination of the fifth grade students of the grammar school through games. The goal we want to achieve is to find out the level of students' geometrical imagination and through aimed activities to develop them and finally, to find out what is their relationship to mathematics and geometry like. This work is divided into three parts. The theoretical part deals with description and clarifies the basic key terms from the geometrical imagination. The practical part contains several exercises made up by the author of this work, which are supposed to develop student's geometrical imagination. In the third part, the research, we try to answer the questions of this work by means of tests and questionnaires implied before and after the aimed activities in order to describe the level of students' geometrical imagination and their relationship to mathematics and geometry.