

This graduation these is concerned with the three-dimensional orientation and the spatial imaginery of children in primary school. The theses is focused on an essential terms and aspects of the theme and it describes some domestic as well as foreign trends, which have engaged in the research of human spatial abilities.

The main aim of the practical part of the graduation these was original creation of an effective tool, which could be used for diagnostics of the level of free-dimensional orientation and spatial imaginery of children in primary school. This tool was tested out during my research work, which took place in 2nd and 5th grade of three primary schools in Prague. Final results of this research were substantially processed and included into the analysis. Analytical part offers relative reflection of the level of spatial orientation of children in primary schools in the Czech Republic.