

Abstract

The bachelor thesis supposed that the preschool children of the age 5-7 are able to play simple table games with rules. The goal is to investigate whether the preschool children in solving the game situations of a particular game „Goblíci jedlíci” are able to apply elements of logical thinking. The qualitative research has been used to prove it.

The goal is based on the cognitive and development psychology of preschool age and on possibilities of pre-mathematical literacy. The teoretical part is focused on the preschool development in connection with the main topic of the thesis and the appropriate part of the game theory.

The practical part contains the experiments and the data proceeding. For detailed observation and interpretation of the children’s reactions and for data processing, description of situations, tabulation and comparison the video documentation has been used.

The conclusion contains the core of experiments analysis with disscusion, and recomendations for practice. The experiment proved that children easily understand the rules and play with interest and the majority of them e able to apply some elements of logical thinking after some experience eventhough this ability has not been developed in their previous preschool education.

Keywords:

logical thinking development; cogitation, reasoning , gema strategy; preschool child