

**APPLICATION OF PUZZLE GAMES TO  
IMPROVE FINE MOTOR SKILLS  
IN PRESCHOOL CHILDREN  
AGE 4-6 YEARS**

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**ABSTRACT**

**Background:** Children aged 4–6 years are in the preschool stage, commonly referred to as the golden period due to the rapid pace of growth and development. Fine motor skills refer to physical abilities involving small muscles and coordination between the hands and eyes. Puzzle games can help children enhance memory, and recognize shapes. In 2023, the prevalence of growth and developmental issues reported by the Sukoharjo District Health Office was 98.35%. One educational game known to improve fine motor skills is puzzles. **Objective:** This study aims to describe the comparison of fine motor development in two respondents before and after the application of puzzle play. **Method:** This research used a descriptive case study design involving two respondents. It was conducted over two consecutive days, from May 26–27, 2025. Each play session lasted 30 minutes. Instruments used included puzzles, DDST II, and stopwatch. **Results:** Prior to the intervention, both respondents An. D and An. R were categorized as “Suspect.” After puzzle play, both improved to the “Normal” category. **Conclusion:** The results indicate an improvement in fine motor skills to the Normal category following the implementation of puzzle games in both respondents.

**Keywords:** Preschool Children, Fine Motor Skills, Puzzle Games.