



The Effect of Educational Games on Fine Motor Ability For Children Aged 4-5 Years in Kindergarten

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ABSTRACT

Objective: This study aims to know the influence of educational games on the abilities of children 4-5 years old in the garden. **Method:** Design used in study This is a nonrandomized pretest-posttest control design where two groups are group experiments and group control with a quantitative approach. These research subjects are Child Group A at Al Falah Assalam Kindergarten, which has as many as 26 students as class experiments, and Children Group A at Kindergarten Al Falah Darussalam, which has as many as 26 students as class control. Deep data analysis techniques use non-parametric statistics, such as the Mann-Whitney Test. **Results:** This research showed that educational games have influenced young children aged 4-5 years. This is known from the results of the posttest carried out in the control class, where the increase was not significant, like the results of the posttest carried out in the experimental class, which previously carried out treatment activities. **Novelty:** The novelty of this research is using educational games to play in real life so that young children can touch and feel. This educational game can be used to introduce not only letters but also numbers, shapes, and colors.

INTRODUCTION

At the beginning of the age of 4-5 years, based on observations in the classroom, there were 4 out of 13 children who could hold scissors and a pencil correctly. During this period, parents do not accompany their children in fine motor development, so at this age, the children need lots of stimulation or stimuli to support their potential growth and development. Age child early is phase beginning development. The child will determine development in phases next (Al-Harbi, 2019; Courchesne et al., 2020; Drouin et al., 2020; Fegert et al., 2020; Saracho, 2023). Another characteristic is that the early childhood age is in the potential period, where matter is often said to be during the golden age (Rijkiyani, 2022). In current developments, children's aging early must optimize the stimulation of growth and development. The role of parents, teachers, and roles social influence is a fundamental matter (Hammer et al., 2021; Liu et al., 2020; Lorenz et al., 2020; Sethi & Scales, 2020; Šimunović & Babarović, 2020). Children's Education Unit is one form of education implementation based on direction growth and development.

Based on the Regulation of the Minister of Education and Culture of the Republic of Indonesia no. 07 of 2022 concerning Content Standards in Early Childhood Education, room scope early education material on development motor is child age early own power imagination and creativity through exploration and expression thoughts (Alper & Ulutaş, 2022; Kushnir, 2022; Mercan & Kandır, 2024; Ogutu, 2020; Ponticorvo et al., 2020; Richard et al., 2021) and feelings in simple action form and work that can be done generated through ability cognitive.

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