

The Effect of Playing with Playdough of Fine Motor Development in Pre School Age at Nurul Iman Kindergarten Cimahi

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Abstract

Preschool age which is part of early childhood is a crucial stage of life in terms of a child's physical, intellectual, emotional and social development. *Physical development* refers to the advancements and refinements of motor skills. These advancements are evident in *gross-* and *fine-motor* skills. **Fine motor skills** involve the control of small muscles in the hands, feet, fingers, and toes. Fine motor skills can be stimulated by playing with play dough that includes kneading, rolling, molding, which can help strengthen their upper arm muscles, hands and fingers. Based on preliminary studies conducted at kindergarten Nurul Iman Cimahi, some students have not been able to perform some fine motor tasks that correspond with their age. This research adopted Quasy Experiment method with one group pre-test and post-test design. Twenty nine pre-school age (4-6 years) children took part as samples, with purposive sampling method implemented. This research was carried out for a period of 30 minutes, 3 times in a week by involving the respondents in playing with playdough activity. From bivariate analysis using Wilcoxon test, it is revealed that p value was $<0,05$, indicates that there is an effect of playing with play dough on fine motor skills development in pre-school age children at Nurul Iman Cimahi Kinder Garten. It is suggested that teacher integrating playing with educational toys in their teaching learning process to enhance fine motor development of pre school age children at Nurul Iman Kinder Garten, Cimahi.

Key words: fine motor Development, playdough, Pre School Age