

THE EFFECT OF CONTEXTUAL TEACHING AND LEARNING ON THE
PROBLEM SOLVING MATHEMATIC ABILITY OF 4th GRADE STUDENT'S
IN UTAN KAYU UTARA 01, EAST JAKARTA PRIMARY SCHOOL
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ABSTRACT

This research was aimed to determine the effect of Contextual Teaching and Learning approach on the problem solving ability of 4th grade student. The research was conducted in Utan Kayu Utara 01, East Jakarta primary school. The sample of this research was 58 students in Utan Kayu Utara 01, East Jakarta primary school. The technique of getting the sample was simple random sampling. The method used was the experimental method with pretest-posttest control group design. Data were collected through essay test. The instrument then tested for normality and homogeneity as a data testing requirements. Further analyzed using t-test hypotheses. The result was obtained = 8,80 with dk= 58, while the value of t_{table} at significance level (α) = 0,05 with dk=58 is equal to 1,67. The results showed that t_{hitung} greater than t_{table} , it means that the null hypothesis H_0 was rejected and the working hypothesis H_1 was accepted. It can be stated that there was a significant influence on Contextual Teaching and Learning approach on the problem solving ability of 4th grade student. The results also showed that Contextual Teaching and Learning can be one means to increase that mathematical problem solving ability of 4th grade in students in Utan Kayu Utara 01, East Jakarta primary school.

Keywords: Contextual Teaching and Learning, the problem solving ability 4th grade students primary school.