ABSTRACK

Fitrianne Lamiya Sufar, 2019. ***Problem Based Learning Model to Improve the Transfer of Learning Ability*** in materi Advisor 1 Dr. H. Uus Toharudin, M.Pd Supervisor 2 Dr. H. Riandi, M.Pd

This research is based on the background of 21st century skills, namely the transfer of learning of science education is still very low. The learning approach used in this study uses Problem Based Learning as a step to increase the ability of Transfer of Learning lack of empowering students 'scientific literacy skills because the learning model used has not been able to develop students' scientific literacy, then the lack of use of technology in increasing science literacy in students and less effective use of learning models / models. This study uses a Pre-Experimental method. From the results of this research obtained by pretest-posttest, student questionnaire responses, and observations of the implementation of Problem Based Learning models by the teacher and students. The instruments in this study were in the form of questions. Essay questions were 8 questions based on the transfer of learning capability indicator, from the data of this study then analyzed using the SPSS software application version 20.00 for windows through the normality test with the Shapiro-Wilk statistical test then homogeneity testing with Levene test was conducted after the test was conducted Hypothesis testing using paired sample t test. Based on the analysis of hypothetical data from the posttest using paired sample t test values obtained 0.00 in other words less than 0.05, which means that H_0 is accepted. The results showed that learning using the Problem Based Learning model could significantly improve the ability of Transfer Of Learning. The ability of Transfer Of Learning from the results of the pretest and posttest also increased, this was confirmed by the average N-Gain included in the medium category with a percentage of 0.50 . The results of the questionnaire responses of students to learning using the Problem Based Learning model get responses with the agreed category with an average percentage of 64.91%. So that the implementation of the Problem Based Learning model can be increased to be considered for use in the learning process at school.

Keywords: *Transfer of Learning, Problem Based Learning*, Structure and Function of Plant Network