

ABSTRACT

The Influence of The 5e Learning Cycle Model on Class IV Student Learning Out Comes of The Theme of Beautiful Togetherness

Keyword: *5E Learning Cycle* model learning out comes primary school out IV grade student.

This study aims to determine the effect of the 5e learning cycle model on science learning out comes of fourth grade student of Karangduak II. The Learning Cycle 5E model is a learning model (cycle), which is a student-centered learning. Learning Model Learning Cycle 5E is each student individually learning learning material that has been prepared, then students develop concepts and skills in new situations through activities such as practicum.

Elementary school. This type of research is a quasi experimental pretest posttest control group design, the population is the study were four grade student of SDN Karangduak II, amounting to 40 students, consisting of 20 IV A graders and 20 IV B graders. Sampling uses a non probability sampling technique that uses a purposive sampling technique. The samples used were two classes namely class IV A as the control class and class IV B as the experimental class. The trials used were test and documentation. The data analysis technique used is the analysis perquisite test including normality, and final analysis. In the final analysis or research hypothesis testing that is using the t test.

Based on the results of the study, the significance value of the test of homogeneity of variance was 0,540 on the pretests problem, and 0,372 on the posttest question because the significance value is the greater than 0,05, it can be concluded that the variance of the two groups is homogeneous, while the results of normality research in the control group and the experimental group using SPSS 24 obtained the *Asymp sig (2-tailed)* value in the 0,062^c control class, while the experimental class was 0,057^c. it can be concluded that both the A significance of more than 0,05. Based on the calculation of learning out comes test value conducted by t-test analysis and using SPSS 24, it can be seen that $t_{count} > t_{tabel}$ is $-1,966 > 1,725$ and the probability value of significance is $< 0,05$ which is 0,007. Then it can be concluded that there is a significant effect on the learning cycle 5e model the learning outcomes of class IV student of primary school Karangduak II.