

The Comparison of Students' Learning Outcomes Taught by Cooperative Problem-based Learning Model of Numbered Heads Together and Think Pair Share on Redox Reaction Academic Year 2016/2017

Gusti Aulia Nasution

(4133131022)

ABSTRACT

This research aims to determine whether there are comparison in cooperative problem-based learning model of NHT and TPS on students' learning outcomes on redox reaction academic year 2016/2017. This type of research is a quasi-experimental research, which its population is class X of Dharma Pancasila senior high school. The sampling technique used is saturated sample technique, which means the population as well as the sample. Grade sample consisted of experimental class first and second experiment, where the first experimental class applied cooperative problem based learning model of NHT while the second experiment class applied cooperative problem based learning model of TPS. The researcher got the significant value (2-tailed) was 0.001, lower than 0.05. Its mean that with the significant level $\alpha = 0.05$, the H_a was received in the other word the students learning outcomes who were taught by CPBL Model of NHT type has significant different with the student learning outcome who were taught by CPBL Model of TPS type.

Keywords: Numbered Head Together, Think Pair Share and Comparison.