THE EFFECT OF GENIUS LEARNING STRATEGY TO IMPROVE STUDENT LEARNING ACHIEVEMENT ON HUMAN REPRODUCTIVE SYSTEM GRADE XI SMA NEGERI 1 BERASTAGI ACADEMIC YEAR 2011/2012

Uci Hanna Saragih
408141115

ABSTRACT

This quasy experiment research aims to investigate the influence of Genius Learning Strategy on the student's achievements in Human Reproductive System topic. The research was conducted in class XI IPA SMA Negeri 1 Berastagi academic year 2011/2012. The population of this research is 160 students and samples are randomly sampled consisting of 30 students as an experimental class (XI-IPA 4) and 26 students of control class (XI-IPA 5). 30 items of multiple choice test were used, and validated before they were applied.

The result shows that pretest in experimental and control class are (50,97±11,39) and (50,8±11,87). t test reveals $t_{calculated}$ (0.0385) < t_{table} (2,006); $\acute{\alpha}$ = 0,05. Prestest has no significant effect in the student's preliminary knowledge. In the contrary, postest shows different result (experimental class : 83,10±8,67; control class: 73,73±8,83). t test reveals that $t_{calculated}$ (4,15) > t_{table} (1,673). This findings states that treatments has signnificant effects on the student's acheievement in Biology. It is advisable that Genius Learning Strategy is incorporated in the learning process especially in teaching Biology.