THE EFFECT OF PEER TUTORING METHOD TO RESOLVE LEARNING DIFFICULTIES IN PLANT TISSUE TOPIC ON STUDENTS GRADE XI OF SCIENCE SMA NEGERI 2 KISARAN ACADEMIC YEAR 2015/2016

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ABSTRACT

The objective of this research is to find out the effect of peer tutoring method to resolve learning difficulties in plant tissue topic. This study is classified as quasi experimental with two groups of pretest- posttest design. This study was carried in Grade XI SMA Negeri 2 Kisaran. Samples were obtained by cluster random sampling and obtained XI-1 as experimental class and XI-2 as control class. The study variable consist of dependent variable, students learning difficulties while independent variable was using peer tutoring method in experimental class and without peer tutoring in control class. The instrument of research was arranged in multiple choice form with 30 question, which had been validated by expert. Average score pretest and posttest in experiment class were 50,47 and 86,86 while normality of pretest 9 and posttest 8,2. In the control class the average score pretest 47 and posttest is 7 1,67 followed by normality pretest 8,4 and posttest 8,08. The homogeneity of pretest was 1, 517 and posttest was 1,736. The t-test analysis shows that $t_{Count} > t_{Table}$ (14,06 > 1,6684) with $\alpha = 0,05$, while the percentage of N-gain test in experiment is 0,7 as high categorized and 0,4 (mid categorized in control class) that showing the effectiveness of peer tutoring. Therefore peer tutoring is effective to resolve students learning difficulties in plant tissues topic at SMA Negeri 2 Kisaran A.Y. 2015/2016.

Keywords : *Effectivenes, Learning Difficulties, Peer Tutoring Method*