

**THE EFFECT OF SCRAMBLE LEARNING TOOL TO IMPROVE STUDENTS  
LEARNING OUTCOMES IN SCIENTIFIC BIOLOGICAL TERM MASTERY  
ON HUMAN REPRODUCTIVE SYSTEM TOPIC FOR STUDENTS' ON  
GRADE XI SCIENCE PROGRAM AT SMA NEGERI 1  
BERASTAGI ACADEMIC YEAR 2011/2012**

**Lastria Sinaga (408641007)**

**ABSTRACT**

This research is purposed to know the Effect of Scramble Learning Tool to improve Student Learning Outcome in Scientific Biological Term Mastery on Human Reproductive System Topic for Students' on Grade XI Science Program at SMA Negeri 1 Berastagi Academic Year 2011/2012. The total number of samples are 32 students. The pretest average scores for Students learning outcome in control class have score 3,8, standard deviation 1,25 and post test average score 6,1 and the student' scores increased about 23%. While in experiment class have pretest average score 3,9, standard deviation 1,22 and post test average score 8,9 and the students' scores increased about 50%. The pretest average for students spelling ability and vocabulary development in control class have score 44,79, standard deviation 8,67 and post test average score 66,56 and the students' scores increased about 21.77%. While in experiment class have pretest average score 43,75, standard deviation 9,15 and post test average score 77,92 and the students' scores increased about 34.17%.

*Key words: Scramble Learning Tool, Learning Outcome, Spelling, Vocabulary*

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