

**IMPROVING SCIENCE PROCESS SKILL AND STUDENTS' LEARNING
OUTCOMES USING DISCOVERY LEARNING MODEL ON
ECOSYSTEM TOPIC GRADE X SMA NEGERI 1
SIDIKALANG ACADEMIC YEAR 2015/2016**

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ABSTRACT

The research aims to know the improving students' learning outcomes and science process skill on ecosystem topic grade X-1 SMA Negeri 1 Sidikalang academic year 2015/2016, with using Discovery Learning model. This research is a classroom action research, which consists of two cycles. The subjects were students of class X-1 SMA Negeri 1 Sidikalang academic year 2015/2016 totaling 34 people. The data collection is done by giving such tests pretest 30 multiple choice questions and posttests 1 and 2, each of which are 15 multiple choice questions and for the collection of data to measure the ability of science process skills cycles 1 and 2 are given the test each of the 5 questions in the form of essay. parameter observed in this study is the result of student learning and science process skills students. Learning outcomes can be known by giving the pretest and posttest learning before the start given at the end of the learning cycle. The average of science process skill in cycle I: 79.80. The results of students in the first cycle with an average 72.41, Classical Completeness level of the average student 47.05% or 16 student of 34 students. In the second cycle increased the average of Science Process Skill in cycle II: 88.82. The results of students in the second cycle occurs improving student learning outcomes with an average 80.14, classical completeness level of the average student 82% or 28 students of 34 students. The learning model can improve the Learning Discovery Science Process Skills and learning outcomes on the topic of Ecosystem Class X SMAN 1 Sidikalang A.Y 2015/2016.

Key Word : Discovery Learning, Science Process Skill, Learning Outcomes