

**IMPROVEMENT OF STUDENT'S LEARNING RESULTS THROUGH
THE APPLICATION OF BIOLOGICAL TEACHING MATERIALS
ATLAS PROTISTA IN X SCIENCE CLASS SMAN 17 BANDUNG**

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ABSTRACT

This research based on problems of low study results students to protista matery caused by creativeless and less innovative in the x science class SMAN 17 Bandung of academic year 2015 / 2016. It takes of teaching materials can make students became more creative and active in learning process, so it can improve students learning results. Samples were students of X-5 and X-6 science class of SMAN 17 Bandung with the number of students in each class is 30 students. The research method used quasi experimental or experiment specious design with non-equivalent pretest post-test design. The research variables consist of two variables, namely the independent variable of atlas biological teaching materials, the dependent variable of students learning results. The sampling technique used purposive sampling that the collecting samples technique of the criteria classes that average value is almost balanced in learning biology. Research data collection conducted by using a test question in the form of an objective test (multiple choice) consist of pretest and posttest with the similar contents about 20 multiple choice questions. Pretest used to determine the ability of students before the beginning of the learning and posttest used to determine student learning results after learning process. Data analysis results shows increase student learning outcomes in control group with the average value reached 42.5, the value pretest control group reached 68.5, while the average value for this class of experiments reach a value of 39.17 and a posttest reach value of 76.33. The research has been concluded that learning using material atlas biology can be used as one of material alternatives in learning activities to improving student learning results .

Keywords: atlas biology, learning results, protists