

## ABSTRACT

Sri Indriyani. 2018. **Improving Student Learning Outcomes in the Concept of Biological Scope Using a Constructivism Approach with the Implementation of Accelerated Learning Models**. Advisor 1 Dra. Hj. Lilis Suhaerah, M.kes. And 2nd mentor Dr. H. Uus Toharudin, M.Pd.

The background of this research is because the biological learning method that has been applied in SUMATRA 40 High School Bandung uses classical learning methods so that learning activities are less effective and the learning outcomes are less satisfactory. To overcome this constructivism approach with the implementation of accelerated learning models is expected to make teaching activities in schools good and more effective. The purpose of this study was to improve student learning outcomes using the constructivism approach with the implementation of accelerated learning models. Student research subjects SUMATRA 40 Bandung High School grade X IPA 2 odd semester with the number of students 36. This research instrument is an objective test (multiple choice) of 20 questions, The results of the study showed 1). The average pre-test results were 36.11 and post-test averages 80.41, very different 2). The significance value of the pretest normality test was 0.51 and 0.74, the paired sample test was 0.01, the hypothesis test was 0.00 and 3). N-gain 0.75 (medium). Based on the results of these studies, the conclusion is that the constructivism approach with the implementation of accelerated learning models in the material of the scope of biology, students have a very real increase in learning outcomes in the material of the scope of biology.

Keywords: accelerated learning model implementation, learning outcomes