

## **ABSTRACT**

***Ira Karlina. 2018. Improving concept mastery using cooperative learning model type make a match aided audio visual on ecosystem concept. Preceptor I H. Dadi Setia Adi, M.Sc., Ph.D dan Preceptor II Dr. H. Riandi, M.Si.***

*This study aims to determine the Improving ecosystem concept mastery using cooperative learning model type make a match aided audio visual. This research uses Pre-Experiment Design method with using research design of One-Group Pretest-Posttest Design. The subjects of this study were taken one from three classes they are students of X MIPA-1 SMA Pasundan 7 Bandung in the 2017-2018 school year with a total of 21 students. The result of the concept mastery study was obtained by Pretest average of 46.43 while the value of Posttest was 82.86. Besides, the average of N-Gain calculation is 0,68 with medium category that is 11 students with medium criteria and 10 students with high criteria. Most students showed a positive response (84.84%) to the use of cooperative learning model type a make a match assisted audio-visual.*

***Keywords :*** *mastery of concepts, Make a match, Audio Visual, Ekosistem*