

## **ABSTRAK**

**Winda Wianthika. 2016. Application Methods to Improve Student Learning on The Concept of Environmental Pollution. Under the guided of Dr. H. Uus Toharudin, M.Pd and Mimi Halimah, S.Pd., M.Si**

The purpose of this study was to obtain information about student learning outcomes before and after getting Improve learning methods on material environmental pollution. The method used was Quasi-Experimental Design with data analysis using different test average or t-test. Affordable population in this study were all students of class X MIA, the MIA X 1 and X MIA 2 in high school Baleendah Development Work. The research sample using purposive sampling techniques, the sampling technique with a certain considerations. The test consists of the data analysis prerequisite normality test, homogeneity and hypothesis testing. Based on the data analysis prerequisite test results concluded that the two sets of data were normally distributed and homogeneous. The test instrument is metacognitive question multiple choice test that a total of 20 items. Based on the results of hypothesis testing and data analysis it can be concluded that the application of learning methods Improve higher than the class that uses the conventional method. Based on these results, it is in the application of the learning process teachers should use teaching methods Improv.

**Key Words : Methodes Improv, student learning**