

## ABSTRACT

### **Deviana Rianty. Effect of Cooperative Learning Circle Inner Circle Out on Understanding Mathematical Ability Junior High School Students.**

This study aims to determine whether the ability of mathematical understanding of students who received cooperative learning Inner Circle Circle Out better than students who received direct instruction (directive learning) as well as knowing how students' attitudes toward cooperative learning Out Inner Circle Circle. This research method is experimental design with pretest-posttest control group. Samples were students of class VIII C as the experimental class and the class as a class VIII A randomly selected control population is a whole class with students of class VIII SMPN 17 Bandung academic year 2016/2017. From this study we concluded: (i) the ability of mathematical understanding of students who received cooperative learning Inner Circle Circle Out better than the ability of understanding of students getting hands-on learning (learning Directive); (ii) a positive student attitudes toward cooperative learning Out Inner Circle Circle.

Keywords: Mathematical Understanding, Cooperative Learning Circle Inner Circle Out, Attitude.