**ABSTRACT**

**Ulil Amri Anwar, 2012***. Improving Students’ Mathematical Communication Ability on Grade VIII-F State Junior High School 2 Takalar through Cooperative Learning Model with Reciprocal Teaching Approach.* Thesis. Faculty of Mathematics and Natural Sciences. State University of Makassar(supervised by Prof. Drs. H. Muhammad Arif Tiro, M.Pd.,M.Sc.,Ph.D and Dra. Rosidah, M.Si.)

This research is a Classroom Action Research that wants to improve the ability of mathematical communication in mathematics learning through cooperative learning model with reciprocal teaching approach. This research was conducted in grade VIII-F State Junior High School 2 Takalar even semester for academic year 2011/2012 which consists of 31 students. First cycle carried as many as 4 meeting and so did second cycle. Data retrieval is done using the ability of mathematics communication test, observation sheets of students and teachers, and student’s questionnaire responses. Furthermore, the data obtained were analyzed using qualitative analysis and quantitative analysis. The results showed that the number of students whom cycle one communication skills mathematics test results reach a predetermined minimum requirements mathematics in schools is 12 students or 38,71% with mean is 65,16. In cycle two, the number of students who achieved mathematics proficiency tests minimum requirements mathematics communication that has been established at the school is 27 students or 87,10% with mean is 82,08. Observations of mathematical communication ability showed a change in attitude among of the students become more active in the learning process; the students’ braveness in asking the subject matter which have not understood and answer the teacher’s questions and students who confidently solve the problems on the whiteboard have increased. This shows that student' mathematical communication ability have increased during the learning process after the applied of cooperative learning using reciprocal teaching approach.

Keywords: *Mathematical Communication, Reciprocal Teaching*