

ABSTRAK

Aam Amalia. The Influence of Realistic Mathematic Education to Improve Mathematical Connection Ability of Junior High School.

The cause of low student`s connect in learning mathematics is because the student are not given the opportunity to develop their potency. One alternative that can accommodate mathematical connection ability is Realistik Mathematic Education. As for study aims to : (i) determine whether the increased mathematical connection ability of student who obtain expository learning, (ii) determine the student`s attitudes toward mathematic learning using a Realsitik Mathematic Education. (iii) determine wheter there is a correlation between Realsitik Mathematic Education with the student`s attitudes. This study use a quasi-experimental method. This study population is the student of SMP YAS Bandung. As for the sample is VIII grade student of SMP YAS Bandung chosen randomly by class. The research instrument used is in the form of mathematical connection ability test that have previously been tested and the result of all questions are significant, as well as the attitude scale questionnaire. The test used is description type test (pre-test and post-test). Data analysis is performed using normality test. Based on the analysis of research data, we conclude that the increased mathematical connection ability of student who obtain realistic mathematic education is better than those who obtain expository learning. Student`s positive attititude towtrards realistic mathematic education. Thus, the realistic mathematic education can be used as an alternative in learning with respect to time in the implementation, class management, and other reference used.

Keywords : Realistic Mathematic Education, mathematical connection ability.