ABSTRACT

Asri "Implementation of Jigsaw Cooperative Learning Model Towards The Ability of Mathematical Critical Thinking and Vocational High School (SMK) Students Attitude".

Field findings indicate that learning in the classroom with conventional learning is common that makes students hear a lot and inactive for expressing their opinions, students could not optimize their ability to thinking mathematical critically. One of the learning model which makes the students active and thinking critically is a Jigsaw cooperative learning model. This study aims to: (1) Determine whether the ability of critical thinking mathematically students who obtain type of Jigsaw cooperative learning are better than students who received conventional learning, (2) attitude of students towards mathematics learning with Jigsaw cooperative learning model, (3) Whether there is a correlation between the critical thinking skills of mathematical and attitudes. Issues discussed bounded on Opportunities. This research method is a quasi-experimental methods, research design non-equevalent control group design, where the design of these samples were not selected randomly. The population in this study are students of class X SMK 11 Bandung. Instruments used in this study is a description of the type test and attitude scale. Based on the analysis of research data, acquired ability (1) The ability of critical thinking mathematical students who obtain type of Jigsaw cooperative learning are better than students who received conventional learning, (2) positive attitude of students towards learning mathematics with the Jigsaw cooperative type model, (3) there is no correlation between the critical thinking skills of mathematics and attitudes.

Keywords: Jigsaw Cooperative Learning, Mathematical Critical Thinking Skills.