



### ABSTRACT

Title of the Research: **STUDENTS' SELF-EFFICACY AND ATTITUDE TOWARDS MATHEMATICS: EFFECTS ON THEIR PERFORMANCE IN MATHEMATICS**

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Date Completion: **December 2017**

Mathematics is a challenging and interesting subject but many of the students find this subject difficult. The purpose of the study is to determine the effect of self-efficacy and attitude towards mathematics of the students on their performance in mathematics. The respondents are 169 grade 10 students of Munting Ilog National High School during the school year 2016-2017. Self-efficacy and attitude towards mathematics questionnaire is administered to the respondents and their third quarter grade is gathered to determine the effect of self-efficacy and attitude on their math grade. Data are analyzed using t-test and regression. The findings showed that the self-efficacy of the students in mathematics is neither high nor low and their attitude towards mathematics is either positive or negative. The academic performance of the students in mathematics is in average level. Gender is a factor for grade where female is significantly higher than male and there is no difference on attitudes and self-efficacy in terms of gender. Attitude towards mathematics has a weak positive effect on students' academic performance. A positive attitude should continue to develop on the students; this will be a great challenge for teachers, parents and school administrator



to help the students in having positive attitudes in Mathematics to learn, appreciate and love the subject.

