

**THE IMPACT OF STUDENTS' INTEREST FACTORS ON
MATHEMATICS SUBJECT LEARNING OUTCOMES IN PUBLIC
SENIOR HIGH SCHOOL BATAM**

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Abstract

The purpose of this research is to know the connection between variables of mathematical learning attitudes, class conditions, and motivation to learn math against the variables of student learning outcomes.

The data collection is using questionnaire distribution that is distributed to 354 student respondents from all Public Senior High School students in Batam. The sampling method is non-probability sampling. The surveys that have been given, collected, examined, and sorted were processed using the SPSS statistical program 23.0 version.

Data processing and analysis of survey results have been done with the results of math learning attitudes, classroom conditions, and learning motivation has a significant influence on student learning outcomes.

Keywords: *Attitudes towards math lessons, class conditions, learning math motivation, student learning outcomes are significant towards student learning outcomes.*