

ABSTRACT

FACHRIANA NUGRAHA. Analysis of Student' Mathematical Communication Ability through Brain Based Model This study aims to: Analyze the concept of student' mathematical communication skills; Analyze the implementation of mathematics learning through the Brain Based Learning model; Analyze the application of the Brain Based Learning model to increase students' mathematical communication skills. The research conducted in this study used a qualitative research approach. This type of research conducted in this study is library research. Sources of data used in this study are primary sources and secondary sources. Based on data analysis, it can be concluded as follows: 1) Communication skills are the ability to express mathematical ideas through oral, written, and demonstrate and describe them visually. In learning mathematics, communication skills have very important goals to support students' ability to observe, evaluate, think critically and interpret information. 2) the implementation of the Brain Based Learning model is effective so that it can be applied, improved, and developed. 3) Student' mathematical communication skills increase when the Brain Based Learning model is applied. So it can be concluded that mathematical communication skills can be applied and improved through the Brain Based Learning model of learning.

Keywords: Mathematical Communication and Brain Based Learning Model