ABSTRACT

Adilya Fitriani. (2020). ***Analysis of Junior High School Students's Mathematics Communication Ability through Contextual Teaching and Learning (CTL) Model.***

Mathematics Communication Ability are one of the most important abilities students have.Communication skills are the basic skills that students must have in learning mathematics.The Contextual Teaching and Learning (CTL) model is one of the right lessons to develop students' mathematical communication ability. Contextual Teaching and Learning (CTL) model consists of seven components namely: (1)constructivism; (2)questioning; (3)inquiri;(4)learning community; (5)modeling;(6)reflection; and (7) authentic assessment. This research is aimed to: (1) Find out how the concept of mathematics communication ability; (2) Find out how the mathematics communication ability of junior high school students through the Contextual Teaching and Learning (CTL) model; and (3) Find out how about application of Contextual Teaching and Learning (CTL) model in improving junior high school students mathematical communication ability. This research method is qualitative research with the type of library research. Sources of data used are primary sources and secondary sources, with data collection Editing, Organizing, and Finding. The data analysis techniques used were deductive, inductive, and comparative. The result of the research shows that: (1) Mathematical communication skills are abilities that must be possessed in mathematics learning that can make students understand more about tables, graphs, pictures, diagrams, and contextual problems related to mathematics learning.(2) Contextual Teaching and Learning model can effectively train mathematical communication skills and have a positive influence on students' mathematical communication skills; and (3) The steps in the Contextual Teaching and Learning (CTL) model can improve junior high school students' mathematical communication skills.

Keyword: Mathematic Communication Ability, Contextual Teaching and Learning, CTL