

ABSTRACT

Eliana Arumanegara. (2020). *Analysis the Ability of Understanding Mathematical Concepts end Self-Concept through Concept Attainment Learning Model.*

The capability to understand mathematical concept become the basic capability in math, and self-concept is one of the capability within the affective aspect required to be acquired by students. One of the models that can be used to influence the ability to understand mathematical concepts and self-concept students is the concept attainment learning model. This research aims to: (1) analyze how the study of mathematical and self-concept understanding capabilities; (2) analyze how the study of concept attainment learning models; (3) analyze how the ability to understand mathematical concepts and self-concepts through concept attainment learning models. The method used is a qualitative research method with a type of literature study research. The data source used is primary data and secondary data. Research techniques used are Editing, Organizing, and Finding. Analysis of the data used is deductive, inductive and interpretive. The results showed that: (1) concept attainment learning models on the ability to understand mathematical concepts have a good influence; (2) concept attainment learning model is better than conventional learning (expository) to the ability to understand students' mathematical concepts; (3) the application of concept attainment learning models can improve the ability to understand mathematical concepts. (4) the application of concept attainment learning model in the process of learning mathematics to self-concept students termsuk in a good category.

Keywords: *Analysis the Ability of Understanding Mathematical Concepts, Self-Concept through Concept Attainment Learning Model*