

## ABSTRAK

**Iva Fariyah Anwar (1202050063), 2024. “Peningkatan Kemampuan Pemahaman Konsep Matematis Melalui Model Pembelajaran *Small Group Discussion* (SGD) pada Peserta Didik”.**

Kemampuan pemahaman konsep matematis sangat penting dalam pembelajaran matematika. Salah satu cara yang digunakan untuk meningkatkan kemampuan tersebut adalah melalui model pembelajaran *Small Group Discussion*. Penelitian ini bertujuan untuk menilai keterlaksanaan model pembelajaran *Small Group Discussion* dalam meningkatkan kemampuan pemahaman konsep matematis peserta didik serta kepercayaan diri mereka setelah penerapan model tersebut. Metode yang digunakan adalah Quasi Eksperimen dengan populasi peserta didik kelas VII. Sampel penelitian yang digunakan yaitu sampel jenuh, terdiri dari kelas VII-A dan VII-B. Instrumen penelitian yang digunakan berupa tes pemahaman konsep matematis, serta instrumen tes validitas baik dan reliabilitas tes tergolong tinggi. Berdasarkan hasil penelitian menunjukkan bahwa penerapan model *Small Group Discussion*, serta kemampuan pemahaman konsep matematis peserta didik lebih baik dibandingkan dengan pembelajaran konvensional. Kepercayaan diri peserta didik menunjukkan skor rata-rata dengan kategori sedang. Berarti, bahwa *Small Group Discussion* membantu dalam proses pembelajaran. Keterlaksanaan aktivitas guru dalam model *Small Group Discussion* juga menunjukkan peningkatan dengan kategori sangat baik pada setiap pertemuan. Secara keseluruhan, model *Small Group Discussion* memberikan pengaruh terhadap peningkatan pemahaman konsep matematis dan kepercayaan diri peserta didik.

**Kata Kunci:** Kemampuan Pemahaman Konsep Matematis, *Small Group Discussion* (SGD)

## ABSTRACT

**Iva Farihah Anwar (1202050063), 2024. “Improving Mathematical Concept Understanding Ability through Small Group Discussion (SGD) Learning Model for Students”.**

*The ability to understand mathematical concepts is very important in learning mathematics. One of the ways used to improve this ability is through the Small Group Discussion learning model. This study aims to assess the implementation of the Small Group Discussion learning model in improving students' mathematical concept understanding ability and their confidence after the application of the model. The method used is Quasi Experiment with a population of seventh grade students. The research sample used was a saturated sample, consisting of VII-A and VII-B classes. The research instrument used was a mathematical concept understanding test, and the test instrument had good validity and high test reliability. Based on the results of the study, it shows that the application of the Small Group Discussion model, as well as the ability to understand the mathematical concepts of students is better than conventional learning. Learners' self-confidence shows an average score in the medium category. It means that Small Group Discussion helps in the learning process. The implementation of teacher activities in the Small Group Discussion model also showed an increase with a very good category at each meeting. Overall, the Small Group Discussion model has an effect on increasing students' understanding of mathematical concepts and self-confidence.*

**Keywords:** *Mathematical Concept Understanding Ability, Small Group Discussion (SGD)*

