

## ABSTRAK

Lianti Nur Fathimah. (135050039). **Penerapan Model Pembelajaran Kooperatif tipe *Co-Op Co-Op* dalam Pembelajaran Matematika untuk Meningkatkan Kemampuan Pemecahan Masalah dan *Self-Regulated Learning* Siswa SMP.**

Pemecahan masalah adalah tipe belajar tingkat tinggi dan kompleks dibandingkan dengan tipe belajar lainnya. Masalah dalam matematika merupakan persoalan yang sangat penting dalam pembelajaran matematika karena dapat mengukur tingkat pemecahan masalah siswa itu sendiri. Oleh karena itu, tujuan penelitian ini adalah (1) untuk mengetahui peningkatan kemampuan pemecahan masalah siswa yang mendapat pembelajaran matematika dengan model pembelajaran kooperatif tipe *Co-Op Co-Op* lebih tinggi daripada siswa yang mendapat pembelajaran *Problem Based Learning*; dan (2) untuk mengetahui peningkatan *Self-Regulated Learning* siswa yang mendapatkan pembelajaran matematika dengan model pembelajaran kooperatif tipe *Co-Op Co-Op* lebih tinggi daripada siswa yang mendapat pembelajaran *Problem Based Learning*. Penelitian ini merupakan penelitian eksperimen. Desain dalam penelitian ini adalah desain kelompok kontrol *pretest-posttest*. Kelas eksperimen diberi perlakuan berupa model pembelajaran kooperatif tipe *Co-Op Co-Op* dan kelas kontrol pembelajarannya menggunakan model *Problem Based Learning*. Populasi dalam penelitian ini adalah seluruh siswa kelas VIII SMP Negeri 29 Bandung. Sampel dari penelitian ini adalah siswa kelas VIII-I sebagai kelas eksperimen dan siswa kelas VIII-F sebagai kelas kontrol. Instrumen yang digunakan adalah tes kemampuan pemecahan masalah dan angket *Self-Regulated Learning* siswa. Pengolahan dan analisis data menggunakan bantuan *Microsoft Excel* dan program SPSS versi 16. Hasil penelitian menunjukkan bahwa: (1) peningkatan kemampuan pemecahan masalah siswa yang mendapat pembelajaran matematika dengan model pembelajaran kooperatif tipe *Co-Op Co-Op* lebih tinggi daripada siswa yang mendapat pembelajaran *Problem Based Learning*; dan (2) peningkatan *Self-Regulated Learning* siswa yang mendapatkan pembelajaran matematika dengan model pembelajaran kooperatif tipe *Co-Op Co-Op* lebih tinggi daripada siswa yang mendapat pembelajaran *Problem Based Learning*

**Kata Kunci:** Model Pembelajaran Kooperatif tipe *Co-Op Co-Op*, Kemampuan Pemecahan Masalah, *Self-Regulated Learning* Siswa.

## ABSTRACT

Lianti Nur Fathimah. (135050039). *Application of Cooperative Learning Model of Co-Op Co-Op type in Mathematics Learning to Improve Problem-Solving Ability and Self-Regulated Learning Junior High School Students.*

*Problem solving is a high-level and complex learning type compared to other types of learning. Problems in mathematics is a very important issue in mathematics learning because it can measure the level of problem solving students themselves. Therefore, the purpose of this research is (1) to know the improvement of problem solving ability of students who get the learning of mathematics with cooperative learning model of Co-Op Co-Op type is higher than the students who get the learning of Problem Based Learning; and (2) to know the increase of Self-Regulated Learning students who get the learning of mathematics with cooperative learning model of Co-Op Co-Op type is higher than the students who get the Problem Based Learning learning. This research is an experimental research. The design in this study was the design of the pretest-posttest control group. The experimental class is treated as Co-Op Co-Op cooperative learning model and its learning control class using Problem Based Learning model. The population in this study is all students of class VIII at 29 Junior High School Bandung. The sample of this research is the students of class VIII-I as the experimental class and the students of class VIII-F as the control class. The instruments used are problem-solving and self-regulated learning questionnaires. Processing and data analysis using the help of Microsoft Excel and SPSS program version 16. The results showed that: (1) improvement of problem solving skills of students who received learning mathematics with cooperative learning model Co-Op Co-Op type is higher than students who get learning Problem Based Learning; and (2) Increased Self-Regulated Learning students who get learning mathematics with cooperative learning model Co-Op Co-Op type is higher than students who get learning Problem Based Learning*

**Keywords:** *Cooperative learning model Co-Op Co-Op type, Problem-solving Ability, Self-Regulated Learning Student.*