

ABSTRACT

Sinta Verantika (2017). **Pengaruh Penggunaan Model Pembelajaran *Formulate-Share-Listen-Create (FSLC)* terhadap Peningkatan Kemampuan Komunikasi Matematik dan *Self-Confidence* Siswa SMP.** Program Studi Pendidikan Matematika. Fakultas Keguruan dan Ilmu Pendidikan. Universitas Pasundan.

The ability of mathematics communication and self-confidence of junior high school students is still relatively low. One of the learning models that can be used to improve the communication skills of mathematics and self-confidence of junior high school students is the model of Formulate-Share-Listen-Create (FSLC). The purpose of this research is to: 1) To know the improvement of mathematic communication ability of students who get model of Formulate-Share-Listen-Create (FSLC) better than students who get Problem-Based Learning model; 2) To know the increase of self-confidence of students who get model of Formulate-Share-Listen-Create (FSLC) is better than students who get Problem-Based Learning model. This study uses quasi-experimental method. The research design used was the pretest-postes group design. The population in this research is all students of class VII of National Junior High School of Bandung. The sample of this research is the students of class VII D as the experimental class and the students of class VII E as the control class. The instruments used are students' mathematical communication skills test and self-confidence questionnaire of students. Processing and data analysis using two Independent Sample t-Test and Mann Whitney test with Microsoft Excel software and IBM SPSS Statistic 24.0 for Window software. The results showed that: 1) Improvement of students' mathematical communication ability using Formulate-Share-Listen-Create (FSLC) model is higher than students using Problem-Based Learning model, 2) Increased self-confidence of students using Formulate-Share model -Listen-Create (FSLC) is higher than students using Problem-Based Learning model. Thus the model of Formulate-Share-Listen-Create (FSLC) can be used as an alternative for teachers in implementing learning in the classroom.

Kata Kunci: Model *Formulate-Share-Listen-Create (FSLC)*, Kemampuan Komunikasi Matematik, *Self-Confidence* Siswa.