

ABSTRAK

Meigy Nugroho (2014), **Penerapan Model Kooperatif Tipe *Think Talk Write* (TTW) dalam Pembelajaran Matematika untuk Meningkatkan Kemampuan Komunikasi Matematis Siswa SMP.**

Pada penelitian ini, dikaji penerapan model pembelajaran Kooperatif tipe *Think Talk Write* (TTW) dikaitkan dengan peningkatan kemampuan komunikasi. Tujuan penelitian ini adalah (1) Mengetahui apakah peningkatan kemampuan komunikasi matematis siswa yang mendapat model pembelajaran kooperatif tipe *Think Talk Write* (TTW) lebih tinggi daripada siswa yang mendapat pembelajaran langsung (2) Mengetahui bagaimana respon siswa yang mendapat pembelajaran kooperatif tipe *Think Talk Write* (TTW). Metode yang digunakan adalah metode kuasi eksperimen dengan desain kelompok kontrol pretest-posttest. Sampel pada penelitian ini adalah 33 siswa di kelas yang mendapatkan pembelajaran dengan penerapan model pembelajaran Kooperatif tipe *Think Talk Write* (TTW) dan 34 siswa di kelas yang mendapatkan pembelajaran dengan penerapan model pembelajaran langsung, diambil secara acak dari semua kelas VII di SMP Negeri 45 Bandung. Instrumen penelitian yang digunakan adalah tes tertulis yang mengukur kemampuan komunikasi siswa dan angket respon siswa. Hasil penelitian yang diperoleh adalah peningkatan kemampuan komunikasi matematis siswa dalam kelas yang mendapatkan pembelajaran dengan penerapan model pembelajaran Kooperatif tipe *Think Talk Write* (TTW) lebih tinggi dibandingkan peningkatan kemampuan komunikasi matematis siswa yang mendapatkan pembelajaran dengan penerapan model pembelajaran langsung. Siswa dalam kelas yang mendapatkan penerapan model pembelajaran Kooperatif tipe *Think Talk Write* (TTW) juga memberikan respon positif terhadap pembelajaran ini.

Kata kunci: Kooperatif, *Think Talk Write* (TTW), Komunikasi

ABSTRACT

Meigy Nugroho (2014), Application of Model-Type Cooperative Think Talk Write (TTW) in Learning Mathematics to Improve Mathematical Communication Ability of Junior High School Students.

In this study, examined the effect of the implementation of the teaching model of type Cooperative Think Talk Write (TTW) to increase the communication capability. The purpose of this study is (1) Determine whether the improvement in students' mathematical communication skills that have cooperative learning model Think Talk Write (TTW) is higher than students who received direct instruction (2) Knowing how the responses of students who received cooperative learning Think Talk Write (TTW). The method used is the method of quasi-experimental design with pretest-posttest control group. The sample in this study were 33 students in the class who get the learning with the application of Cooperative learning model type Think Talk Write (TTW) and 34 students in the class who get the learning with the application of direct instructional model, drawn at random from all class VII in SMP Negeri 45 Bandung . The research instrument used was a written test that measures students' communication skills and student questionnaire responses. The results obtained are upgrading students' mathematical communication in the classroom learning with the application getting Cooperative learning model type Think Talk Write (TTW) is higher than the increase in communication skills students gain mathematical learning with the application of direct instructional model. Students in the class are getting the type of application of learning models Cooperative Think Talk Write (TTW) also responded positively to learning.

Keywords: Cooperative, *Think Talk Write* (TTW), Communication