

ABSTRAK

Cahyani, Dwi Gita. 2019. *Efektivitas Model Pembelajaran Thinking Aloud Pair Problem Solving (TAPPS) Materi Persamaan Garis Lurus di SMPN 3 Waru Sidoarjo*. Skripsi. Program Studi Pendidikan Matematika. Fakultas Keguruan dan Ilmu Pendidikan Universitas PGRI Adi Buana Surabaya. Pembimbing: Eka Susilowati, S.Si., M.Sc. Kata Kunci: *Efektivitas, Model Pembelajaran Thinking Aloud Pair Problem Solving (TAPPS)*

Penelitian ini dilatarbelakangi oleh pembelajaran matematika yang masih berpusat pada siswa dimana proses belajar mengajar cenderung membosankan dan menjadikan siswa kurang aktif. Tujuan dari penelitian ini adalah untuk mendeskripsikan efektivitas pembelajaran matematika dengan menggunakan *Model Pembelajaran Thinking Aloud Pair Problem Solving (TAPPS)* pada siswa kelas VIII SMPN 3 Waru Sidoarjo Tahun Pelajaran 2018/2019 yang mengacu pada empat kriteria keefektifan pembelajaran yaitu: aktivitas siswa, kemampuan guru dalam mengelola pembelajaran, respon siswa terhadap pembelajaran dan ketuntasan belajar secara klasikal. Suatu pembelajaran dikatakan efektif jika paling sedikit tiga dari empat aspek diatas terpenuhi, dengan syarat aspek ketuntasan hasil belajar terpenuhi. Berdasarkan hasil analisis data, menunjukkan bahwa: (1) siswa tergolong aktif selama pembelajaran dengan rata-rata persentase aktivitas siswa adalah 80,06% (2) pengelolaan pembelajaran oleh guru secara keseluruhan dapat dikategorikan baik (3) respon siswa terhadap pembelajaran dengan menggunakan model pembelajaran *Thinking Aloud Pair Problem Solving (TAPPS)* adalah positif. (4) hasil belajar siswa tuntas secara klasikal sebesar 85,29%. Jadi, dapat disimpulkan bahwa pembelajaran matematika pada materi persamaan garis lurus di SMPN 3 Waru Sidoarjo dengan menggunakan *Model Pembelajaran Thinking Aloud Pair Problem Solving (TAPPS)* dikatakan efektif.

ABSTRACT

Cahyani, Dwi Gita. 2019. *The Effectiveness of the Thinking Aloud Pair Problem Solving (TAPPS) Learning Model on the Equation of a Straight Line in SMPN 3 Waru Sidoarjo*. Undergraduate Thesis. Mathematic Education Department. Faculty of Teacher Training and Education. University of PGRI Adi Buana Surabaya. Advisor: Eka Susilowati, S.Si., M.Sc

Keyword: *The Effectiveness, Learning Model Thinking Aloud Pair Problem Solving (TAPPS)*

This research is motivated by mathematics learning which is still student-centered where the learning process tends to be boring and makes students less active. The purpose of this study was to describe the effectiveness of the Thinking Aloud Pair Problem Solving (TAPPS) learning model on the equation of a straight line in SMPN 3 Waru Sidoarjo academic year 2018/2019 which refers to four learning effectiveness criteria, that is: student activity, teacher ability in managing learning, student responses to learning and completeness learning in a classical way. A learning is said to be effective if at least three of the four aspects above are met, with the condition that the learning outcomes are met. Based on the results of data analysis, it shows that: (1) students are classified as active during learning with the average percentage of student activity is 80.06% (2) management of learning by the teacher as a whole can be categorized well (3) student responses to learning using learning models Thinking Aloud Pair Problem Solving (TAPPS) is positive. (4) the result student learning are completed in a classical manner is 85.29%. So, it can be concluded that learning mathematics in the matter of straight line equations in SMPN 3 Waru Sidoarjo using the Thinking Aloud Pair Problem Solving (TAPPS) learning model is said to be effective.