

Nova Safaria. 2018. *Pengaruh Model Pembelajaran Thinking Aloud Pair Problem Solving (TAPPS) Terhadap Kemampuan Pemecahan Masalah Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing I Fatimatul Munawaroh, S. Si., M. Si, Pembimbing II Irsad Rosidi, S. Pd., M. Pd.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran *Thinking Aloud Pair Problem Solving* (TAPPS) terhadap kemampuan pemecahan masalah siswa. Penelitian dilaksanakan di SMP Negeri 4 Bangkalan tahun ajaran 2017/2018. Metode penelitian eksperimen menggunakan desain penelitian *Quasi Experimental design* dengan bentuk *nonequivalent Control Group Design*. Populasi pada penelitian ini adalah seluruh siswa kelas VII SMP Negeri 4 Bangkalan. Sampel yang digunakan adalah kelas VII B sebagai kelas eksperimen menggunakan model pembelajaran *Thinking Aloud Pair Problem Solving* (TAPPS) dan kelas VII F sebagai kelas kontrol menggunakan model konvensional. Uji normalitas dan homogenitas data kemampuan pemecahan masalah siswa didapatkan hasil bahwa data berdistribusi normal dan memiliki varians yang homogen. Hasil perhitungan uji-t sampel bebas diperoleh nilai t_{hitung} sebesar 3,746 dan t_{tabel} dengan taraf signifikansi 5% sebesar 1,675, karena $t_{hitung} > t_{tabel}$ ($3,746 > 1,675$) maka H_0 ditolak dan H_a diterima. Berdasarkan hasil uji hipotesis penelitian dapat disimpulkan bahwa terdapat pengaruh yang signifikan model pembelajaran *Thinking Aloud Pair Problem Solving* (TAPPS) terhadap kemampuan pemecahan masalah siswa pada mata pelajaran IPA siswa kelas VII SMP Negeri 4 Bangkalan.

Kata Kunci: Model Pembelajaran *Thinking Aloud Pair Problem Solving* (TAPPS), Pembelajaran IPA, Kemampuan Pemecahan Masalah.

Nova Safaria, 2018. *The Influence Learning Model Thinking Aloud Pair Problem Solving (TAPPS) to Students' Problem Solving Skill*. Thesis, Natural Science Education Study Program, Education Faculty, University of Trunojoyo Madura. Advisor I Fatimatul Munawaroh, S. Si., M. Si, Advisor II Irsad Rosidi, S. Pd., M. Pd.

ABSTRACT

The purpose this research to know the influence learning model *Thinking Aloud Pair Problem Solving* (TAPPS) to the students' problem solving skill. This research was conducted at Junior High School 4 Bangkalan study yard 2016/2017. The experimental research method used *Quasi Exsperimental* design with *nonequivalent Control Group Design*. The population of this was all students in the seventh grade of Junior High School 4 Bangkalan. The sample used students' of class VII B exsperimental class using learning model *Thinking Aloud Pair Problem Solving* (TAPPS) and class VII F as control class using conventional model. Test of normality and homogeneity the students' problem solving skill were taken that the data were normally and had homogeneous variance. The result *independent sample t-test* obtained t_{count} of 3,746 and t_{table} with 5% significance level of 1,675, because $t_{\text{count}} > t_{\text{table}}$ ($3,746 > 1,675$) so H_0 the rejected and H_a the accepted. Based on the result of the research hypothesis test be cloncluded that there is influence in significant learning model *Thinking Aloud Pair Problem Solving* (TAPPS) to students' problem solving skill on science subject for the seventh grade students' of Junior High Scholl 4 Bangkalan.

Keyword: *Learning Model Aloud Pair Problem Solving (TAPPS), Science Learning, Problem Solving Skill.*