

Devi Novita Sari. 2019. Hubungan Kemampuan Argumentasi dengan Pemecahan Masalah pada Implementasi Metode Pembelajaran Active Debate Materi Pemanasan Global. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing I : Mochammad Ahied, Pembimbing II : Ana Yuniasti Retno Wulandari.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui hubungan kemampuan argumentasi dengan pemecahan masalah siswa pada implementasi metode pembelajaran *active debate* materi pemanasan global. Populasi penelitian adalah siswa kelas VII SMP Negeri 2 Ngoro Jombang tahun ajaran 2018/2019. Sampel penelitian menggunakan satu kelas yaitu kelas VII I sebagai kelas eksperimen. Teknik pengambilan sampel menggunakan *purposive sampling*. Pengumpulan data penelitian menggunakan tes, observasi, angket dan dokumentasi. Teknik analisis data menggunakan uji korelasi *pearson product moment*. Hasil Uji korelasi diperoleh r_{hitung} 0,939 dan r_{tabel} sebesar 0,4887 karena $r_{hitung} > r_{tabel}$ ($0,939 > 0,4887$) dengan nilai signifikansi diperoleh $0,000 < 0,05$ maka H_0 ditolak dan H_1 diterima. Nilai rata-rata kemampuan argumentasi siswa sebesar 81,43 pada kategori baik sekali. Nilai rata-rata pemecahan masalah siswa sebesar 82,07 pada kategori baik sekali. Berdasarkan hasil penelitian menunjukkan bahwa terdapat hubungan yang positif dan sangat kuat antara kemampuan argumentasi dengan pemecahan masalah siswa. Keterlaksanaan pembelajaran menggunakan metode pembelajaran *active debate* memperoleh nilai rata-rata sebesar 98,48% dengan kategori sangat baik. Respons siswa terhadap metode pembelajaran *active debate* diperoleh nilai rata-rata sebesar 81,33% dengan kategori sangat baik.

Kata kunci : *active debate*, kemampuan argumentasi, pemecahan masalah.

Devi Novita Sari. 2019. Correlative Study Between The Ability of Giving Argument with The Problem Solving of The Students in The Implementation of Active Debate Learning Method with The Topic of Global Warming. Skripsi, Natural Science Education Study Program, Faculty of Science Education, Trunojoyo Madura University. Pembimbing I : Mochammad Ahied, Pembimbing II : Ana Yuniasti Retno Wulandari.

ABSTRACT

The aim of this study is to determine the relation between the ability of giving arguments with the problem solving of the students when implemented the active debate learning methods with the topic is global warming. The subject of this study is seventh grade students of State Junior High School 2 Ngoro Jombang 2018/2019. The researcher decided to use VII I class as the experimental class. The sampling technique used purposive sampling. Data collection research used tests, observations, questionnaires and documentation. To analyze the data the researcher used Pearson product moment correlation test. The result of this Correlation test is r_{count} 0.939 and r_{table} of 0.4887 because $r_{count} > r_{table}$ ($0.939 > 0.4887$) with the significance score which has gotten is $0,000 < 0.05$, H_0 is rejected and H_1 is accepted. The average score of student's argumentation is 81.43 in the excellent category. The average score of student's problem solving is 82.07 in the excellent category. Based on those results, this study can be indicated that there is the positive and strong relation between the ability of the students to give argument with the ability to solve the problem. The implementation of learning used the active debate learning method obtained an average score of 98,48% with a very good category. The response of students to the active debate learning method obtained an average score of 81,33% with a very good category.

Keywords : ability of argument, active debate, problem solving.