

Ach. Budi Darma. 2019. *Penerapan Model Pembelajaran SAVI Melalui Metode Eksperimen Terhadap Keterampilan Proses Sains*. Skripsi, Program Studi Pendidikan IPA , Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing I: Mochammad Ahied dan Pembimbing II: Nur Qomaria.

ABSTRAK

Penelitian penerapan model pembelajaran SAVI melalui metode eksperimen terhadap keterampilan proses sains telah dilakukan di SMP Negeri 2 Pademawu tahun ajaran 2018/2019. Metode penelitian menggunakan *pre-experimental* dengan desain penelitian *one-group-pretest-posttest*. Pengumpulan data menggunakan tes *essay* dan lembar observasi keterampilan proses sains, lembar observasi keterlaksanaan pembelajaran, angket respons siswa. Hasil analisis uji t sampel berpasangan yaitu signifikansi sebesar 0,00 lebih kecil dari 0,05 menunjukkan adanya perbedaan nilai *pretest* dan *posttest* siswa. Keterampilan proses sains siswa sebelum menggunakan model pembelajaran SAVI melalui metode eksperimen memperoleh nilai sebesar 25 dengan kategori cukup baik, setelah pembelajaran dengan model SAVI melalui metode eksperimen memperoleh nilai sebesar 72 dengan kategori baik. Keterlaksanaan pembelajaran dengan model SAVI melalui metode eksperimen terhadap keterampilan proses sains siswa diperoleh persentase 98% dengan kategori hampir seluruh aktivitas terlaksana. Rata-rata respons siswa saat menggunakan model pembelajaran SAVI melalui metode eksperimen sebesar 80,46% dengan kategori baik.

Kata kunci: Keterampilan proses sains, metode eksperimen, model SAVI

Ach. Budi Darma. 2019. *The Implementation of SAVI Learning Model Through Experimental Methods for Science Process Skills*. Thesis, Natural Science Education, Education Faculty, University Of Trunojoyo Madura. 1st Advisor: Mochammad Ahied and 2nd Advisor: Nur Qomaria.

ABSTRACT

Research on the implementation of SAVI learning model through experimental methods for science process skills has been conducted at SMP Negeri 2 Pademawu in the academic year of 2018/2019. The research using pre-experimental design method with the one-group-pretest-posttest research. Collecting data using the essay test and sheets observation of science process skills, learning implementation observation sheets, student response questionnaires. The result of the paired t-test analysis of significance of 0,00 less than 0,05 indicates the difference between students' science process skills in pretest and posttest. Science process skills of students before using the SAVI learning model through the experimental method get a value of 25 with a fairly good category, after learning with the SAVI model through the experimental method the score is 72 in the good category. The implementation of learning with the SAVI model through the experimental method of science process skills of students obtained a percentage of 98% with the category of almost all activities carried out. The average response of students when using the SAVI learning model through the experimental method is 80.46% in the good category.

Keywords: Experimental method, SAVI learning model, science process skills.