

Wahyu Prastikawati. 2019. *Pengaruh Motivasi Terhadap Keterampilan Proses Sains dalam Penerapan Pembelajaran Scientific Learning dengan Authentic Assessment*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing 1: Fatimatul Munawaroh dan Pembimbing 2: Irsad Rosidi.

ABSTRAK

Penelitian tentang pengaruh motivasi terhadap keterampilan proses sains dalam penerapan pembelajaran *scientific learning* dengan *authentic assessment* pada materi getaran, gelombang dan bunyi telah dilakukan. Jenis penelitian yang digunakan *pre-experimental* dengan desain *one-shot case study*. Populasi penelitian yaitu seluruh siswa kelas VIII MTsN 5 Kediri. Sampel penelitian yaitu siswa kelas VIII C dengan teknik *simple random sampling*. Teknik analisis data menggunakan uji regresi linier sederhana. Berdasarkan hasil penelitian menunjukkan bahwa $t_{hitung} > t_{tabel}$ dan nilai signifikansi $< 0,05$, dapat diartikan H_0 ditolak dan H_1 diterima sehingga dapat disimpulkan terdapat pengaruh motivasi belajar terhadap keterampilan proses sains dalam penerapan pembelajaran *scientific learning* dengan *authentic assessment*. Motivasi siswa setelah pembelajaran tergolong baik dengan rata-rata persentase sebesar 67,1%. Keterampilan proses sains setelah pembelajaran tergolong baik dengan rata-rata persentase sebesar 78,59%. Rata-rata keterlaksanaan pembelajaran sebesar 89,85% dengan kriteria sangat baik. Respons siswa terhadap pembelajaran diperoleh rata-rata persentase sebesar 80,52% dengan kriteria sangat baik.

Kata kunci: motivasi, keterampilan proses sains, *scientific learning* dengan *authentic assessment*

Wahyu Prastikawati. 2019. *The Effect of Motivation to Science Process Skills in Application of Scientific Learning with Authentic Assessment*. Thesis, Natural Science Education, Education Faculty, University of Trunojoyo Madura. 1st Advisor: Fatimatul Munawaroh and 2nd Advisor: Irsad Rosidi.

ABSTRACT

Study about the effect of motivation to science process skills in application of scientific learning with authentic assessment on osillation, wave and sound concepts has been done. This type of this study is pre-experimental with one-shot case study design. Population in this study are all student of class VIII in MTsN 5 Kediri. Sample in this study are student of class VIII C with simple random sampling techniques. Data analisys technique used simple linear regression. Based of the result in this study show that $t_{hitung} > t_{tabel}$ and significance value $< 0,05$, this mean that H_0 is rejected and H_1 is accepted so it can be concluded that there is a effect of motivation to science process skills in application of scientific learning with authentic assessment. Student motivation after learning is good predicate with average percentage is 67,1%. Science process skills after learning is good predicate with average percentage is 78,59%. Average learning implementation is 89,85% which is in excellent predicate. Student responses to this learning get average percentage is 80,52% which is in excellent predicate.

Keywords: motivation, science process skills, scientific learning with authentic assessment