

Suci Rahayu. 2020. *Analisis Keterampilan Proses Sains Siswa pada Materi Getaran, Gelombang dan Bunyi*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing 1: Mochammad Ahied, S.Si., M.Si. dan Pembimbing 2: Wiwin Puspita Hadi, S.Si., M.Pd.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui keterampilan proses sains siswa SMP kelas VIII di Desa Talangkembar Kecamatan Montong Tuban. Penelitian menggunakan metode *mix method* dan dilaksanakan di SMP Montong Tuban dengan populasi semua siswa kelas VIII Tahun Ajaran 2019/2020. Teknik pengambilan sampel menggunakan *purposive sampling*. Sampel penelitian sebanyak 15 siswa yang berada di Desa Talangkembar Kecamatan Montong Kabupaten Tuban. Instrumen penilaian keterampilan proses sains menggunakan soal uraian dengan 6 indikator yaitu mengamati, memprediksi, menggunakan alat dan melakukan praktikum, menginterpretasi data, menyimpulkan dan mengkomunikasikan. Teknik analisis data menggunakan, dilanjutkan dengan uji menggunakan model Miles dan Huberman. Berdasarkan hasil penelitian menunjukkan presentase keterampilan proses sains siswa SMP kelas VIII di Kecamatan Montong Tuban untuk tiap indikator yaitu: keterampilan mengamati 75,00%, keterampilan memprediksi 62,67%, keterampilan menggunakan alat dan melakukan praktikum 62,67%, keterampilan menginterpretasikan data 36,00%, keterampilan menyimpulkan 49,33%, keterampilan mengkomunikasikan 60,33%.

Kata Kunci : Keterampilan proses sains, Siswa, Getaran Gelombang dan Bunyi.

Suci Rahayu. 2020. *Analysis of Students' Science Process Skills on Material Vibrations, Waves and Sounds*. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo University, Madura. 1st Advisor: Mochammad Ahied, S.Sc., M.Sc. and 2nd Wiwin Puspita Hadi, S.Si., M.Pd.

ABSTRACT

This study aims to determine the science process skills of eighth grade junior high school students in Talangkembar Village, Montong Tuban District. The research used the mix method method and was carried out in SMP Montong Tuban with a population of all students of class VIII in Academic Year 2019/2020. The sampling technique uses purposive sampling. The research sample of 15 students who are in Talangkembar Village, Montong District, Tuban Regency. The instrument for evaluating science process skills uses a description item with 6 indicators, namely observing, predicting, using tools and practicing, interpreting data, concluding and communicating. The data analysis technique was used, followed by tests using the Miles and Huberman models. Based on the results of the study showed the percentage of science process skills of eighth grade junior high school students in Montong Tuban District for each indicator, namely: observing skills 75,00%), predicting skills 62,67%, skills using tools and doing practicum 62,67%, data interpreting skills 36,00%, concluding skills 49,33%, communication skills 60,33%.

Keywords: *Science process skills, Students, Material Vibrations Waves and Sounds.*