

Widiana Utarti. 2020. Analisis Keterampilan Proses Sains Siswa SMP Pada Materi Pemanasan Global. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing 1: Laila Khamsatul Muharrami dan Pembimbing 2: Aida Fikriyah.

ABSTRAK

Pembelajaran IPA memerlukan suatu keterampilan proses sains dalam proses pemahaman materi ataupun proses pemecahan masalah. Namun keterampilan proses sains siswa masih belum maksimal karena kurang mendapatkan perhatian dalam pembelajaran IPA. Untuk itu penelitian tentang keterampilan proses sains siswa perlu dilakukan agar dapat memperbaiki keterampilan proses sains siswa. Penelitian ini bertujuan untuk mengetahui keterampilan proses sains siswa pada materi pemanasan global. Penelitian ini dilakukan di kecamatan Soko kabupaten Tuban pada tahun 2020 dengan populasi semua siswa kelas VII SMP/MTs di kecamatan Soko. Teknik pengambilan sampel dengan *purposive sampling*. Sampel penelitian sebanyak 13 siswa. Pengumpulan data menggunakan teknik tes untuk mengukur keterampilan proses sains siswa dan teknik wawancara untuk mengetahui faktor-faktor yang mempengaruhi keterampilan proses sains siswa. Teknik analisis data menggunakan analisis data kuantitatif presentase skor siswa dan analisis data kualitatif model Miles dan Huberman. Berdasarkan hasil penelitian disimpulkan bahwa: (1) tingkat keterampilan proses sains siswa memiliki presentase rata-rata sebesar 61,69% dengan kategori sedang, (2) faktor yang mempengaruhi keterampilan proses sains antara lain metode pembelajaran yang digunakan oleh guru saat mengajar siswa, kemampuan siswa dalam menghubungkan kemampuan yang dimiliki dengan pengetahuan baru, dan minat belajar siswa.

Kata kunci: Keterampilan proses sains, pemanasan global, pembelajaran IPA.

Widiana Utarti. 2020. *Analysis of Science Process Skills of Junior High School Students on Global Warming Material*. Thesis, Natural Science Education, Education Faculty, University of Trunojoyo Madura. 1st Advisor: Laila Khamsatul Muharrami and 2nd Advisor: Aida Fikriyah.

ABSTRACT

Science learning requires a science process skill in the process of understanding the material or the problem solving process. students' science process skills are still not optimal because they lack attention in learning science. For this reason, research on students' science process skills needs to be done in order to improve students' science process skills. This study aims to determine students' science process skills on global warming material. This research was conducted in Soko sub-district of Tuban in 2020 with a population of all grade VII students of SMP / MTs in Soko sub-district. The sampling technique was purposive sampling. The research samples were 13 students. Data collection used test techniques to measure students' science process skills and interview techniques to find out the factors that influence students' science process skills. Data analysis techniques used quantitative data analysis of the percentage of student scores and analysis of qualitative data by the Miles and Huberman models. Based on the results of the study, it can be concluded that: (1) the level of science process skills students reached an average percentage of 61.69% with a moderate category, (2) factors that influence the science process skills included the learning methods used by teachers when teaching students, students in connecting their abilities with new knowledge, and students' interest in learning.

Keywords: Global warming, science learning, science process skills.