

ABSTRAK

Anzelika, Anggi Rosa. 2022. Analisis Keterampilan Proses Sains Dasar Siswa Kelas X Pada Materi Ekologi di Sekolah Menengah Atas Negeri Kota Tanjungpinang. Skripsi. Tanjungpinang: Jurusan Pendidikan Biologi, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Maritim Raja Ali Haji. Pembimbing I: Nur Eka Kusuma Hindrasti, S.Pd, M.Pd. Pembimbing II: Erda Muhartati, S.Si, M.Si.

Kata Kunci: Keterampilan Proses Sains Dasar, Siswa Kelas X, Ekologi

Penelitian ini bertujuan untuk mendeskripsikan Keterampilan Proses Sains Dasar Siswa Kelas X Pada Materi Ekologi Sekolah Menengah Atas Negeri Kota Tanjungpinang. Penelitian ini menggunakan jenis penelitian Deskriptif dengan pendekatan Kuantitatif. Populasi penelitian berjumlah 200 siswa. Teknik pengambilan sampel menggunakan teknik *Cluster Random Sampling*, didapatkan sampel berjumlah 80 siswa dari 3 sekolah berbeda yang dipilih untuk melakukan penelitian. Pengambilan data yaitu dengan teknik penelitian berupa tes, instrumen penelitian adalah soal *essay* sebanyak 10 butir soal yang dikembangkan berdasarkan aspek keterampilan proses sains dasar. Berdasarkan hasil analisis data, Seluruh aspek keterampilan proses sains dasar dikategorikan cukup tinggi dengan nilai persentase 64,68 %. Dengan rincian sebagai berikut, pada aspek merumuskan masalah memperoleh hasil persentase ketercapaian sebesar 65,15%, pada aspek menyusun hipotesis memperoleh hasil 67,03%, pada aspek prediksi memperoleh hasil 65,78%, pada aspek inferensi memperoleh hasil 59,68%. Dengan demikian dapat disimpulkan tingkat persentase tertinggi terdapat pada aspek merumuskan hipotesis dengan nilai persentase 67,03% dan tingkat persentase terendah terdapat pada aspek inferensi dengan nilai persentasi 59,68%.

ABSTRACT

Anzelika, Anggi Rosa. 2022. Analysis of Basic Science Process Skills for Class X Students on Ecological Materials at Tanjungpinang City State Senior High Schools. Thesis. Tanjungpinang: Department of Biology Education, Faculty of Teacher Training and Education, Raja Ali Haji Maritime University. Supervisor I: Nur Eka Kusuma Hindrasti, S.Pd, M.Pd. Advisor II: Erda Muhartati, S.Si, M.Sc.

Keywords: Basic Science Process Skills, Class X Students, Ecology

This study aims to describe the Basic Science Process Skills of Class X Students in the Ecology Materials of the Tanjungpinang City State Senior High School. This study uses a descriptive type of research with a quantitative approach. The research population was 200 students. The sampling technique used was the Cluster Random Sampling technique, obtained a sample of 80 students from 3 different schools selected to conduct the research. Data retrieval is by research techniques in the form of tests, research instruments are essay questions as many as 10 questions which are developed based on aspects of basic science process skills. Based on the results of data analysis, all aspects of basic science process skills are categorized as high enough with a percentage value of 64.68%. With the following details, in the aspect of formulating the problem, the percentage of achievement is 65.15%, in the aspect of formulating the hypothesis, the result is 67.03%, in the prediction aspect, the result is 65.78%, in the inference aspect, the result is 59.68%. Thus, it can be concluded that the highest percentage level is found in the aspect of formulating a hypothesis with a percentage value of 67.03% and the lowest percentage level is found in the inference aspect with a percentage value of 59.68%.