ABSTRAK

SOPHI GUSMAWATI 2024. **ANALISIS ASPEK KETERAMPILAN PROSES SAINS PADA BUKU TEKS BIOLOGI SMA KELAS XII SMA NEGERI DI KOTA TASIKMALAYA.** Skripsi Jurusan Pendidikan Biologi. Fakultas Keguruan dan Ilmu Pendidikan Universitas Siliwangi.

Penelitian ini membuktikan bahwa buku teks biologi yang digunakan oleh SMA Negeri di Kota Tasikmalaya sudah mengembangkan salah satu tujuan kurikulum 2013 yaitu menggunakan pendekatan saintifik dengan mengembangkan aspek KPS. Penelitian ini bertujuan untuk menganalisis gambaran aspek keterampilan proses sains pada buku teks biologi kelas XII di SMA Negeri Kota Tasikmalaya. Penelitian ini menggunakan pendekatan kualitatif dengan metode penelitian analisis isi *(conten analysis)*. Teknik pengambilan sampel yang digunakan adalah *purposive sampling* dari teknik tersebut didapatkan tiga buku biologi yang berasal dari tiga penerbit yang berbeda dan banyak digunakan di SMA Negeri di Kota Tasikmalaya. Hasil penelitian menunjukkan buku A mengembangkan 100%, buku B mengembangkan 92%, dan buku C mengembangkan 83% dari seluruh aspek KPS yang diteliti. Dari ketiga buku yang dianalisis yang paling banyak ditemukan ialah jenis KPS Dasar dengan rata-rata persentase 83,63% sedangkan pengembangan KPS Terintegrasi hanya sekitar 16,37%. Analisis data yang digunakan ialah uji reliabilitas *inter-rater* dengan menghitung koefisien kappa dan menghitung persentase kesepakatan antar pengamat. Dari ketiga buku teks biologi yang dianalisis menunjukkan buku-buku tersebut telah memenuhi aspek KPS dengan hasil penilaian kappa dan perhitungan persentase antar pengamat menyatakan bahwa hasil pengkategorian dapat diterima (buku A = 0,951/98%, buku B = 0,954/99%, dan buku C 0,974/97%). Sehingga dapat ditarik kesimpulan bahwa ketiga buku teks biologi yang dianalisis telah sesuai dalam mengembangkan keterampilan proses sains, meskipun frekuensi pengembangannya belum merata pada seluruh aspek KPS (lebih banyak mengembangkan keterampilan proses dasar).

Kata kunci: Analisis, Buku Teks Biologi, Keterampilan Proses Sains

ABSTRACT

SOPHI GUSMAWATI 2024. *ANALYSIS OF ASPECTS OF SCIENCE PROCESS SKILLS IN CLASS XII HIGH SCHOOL BIOLOGY TEXTBOOKS OF STATE HIGH SCHOOLS IN TASIKMALAYA CITY.* Thesis Department of Biology Education. Faculty of Teacher Training and Education, Siliwangi University.

This research proves that biology textbooks used by public high schools in Tasikmalaya City have developed one of the objectives of the 2013 curriculum, namely using a scientific approach by developing PPP aspects. This research was conducted to analyze the description of aspects of science process skills in class XII biology textbooks at Tasikmalaya City State High School. This research uses a qualitative approach with content analysis research methods (conten analysis). The sampling technique used was purposive sampling, from which three biology books were obtained from three different publishers and were widely used in public high schools in Tasikmalaya City. The results showed that book A develops 100%, book B develops 92%, and book C develops 83% of all aspects of SPS studied. Of the three books analyzed, the most found is the Basic SPS type with an average percentage of 83.63%, while the development of Integrated SPS is only around 16.37%. The data analysis used was an inter-rater reliability test by calculating the kappa coefficient between two observers and calculating the percentage of agreement between observers. Of the three biology textbooks analyzed, the books have fulfilled the SPS aspect with the results of kappa assessment and percentage calculations among observers stating that the categorization results are acceptable (book A = 0.951 / 98%, book B = 0.954 / 99%, and book C = 0.974 / 97%). So it can be concluded that the three biology textbooks analyzed have been appropriate in developing science process skills, although the frequency of development has not been evenly distributed in all aspects of SPS (more developing basic process skills).
Keywords: Analysis, Biology Textbook, Science Process Skills