

## ABSTRACT

**NURLAILA.** Suitability Analysis Biology's Student Worksheet (LKS) State High School in Lhokseumawe City for Class XI Based Standard Content on KTSP. Thesis. Medan: Postgraduate Program of UNIMED, March 2014.

This study was aimed to analyze the suitability of a biology book worksheets for high school class XI in 2<sup>nd</sup> semester based standards content on KTSP which include: the feasibility of the content, the presentation of a book worksheets, and presentation language or legibility used for SMA in Lhokseumawe city. This research is a descriptive study, using quantitative data. By using purposive sampling technique was obtained sample book consists of 3 books Biology LKS. Conformity assessment using a standard assessment worksheets book by the National Education Standards (BSNP). Data analysis was performed by calculating the percentage of component conformity content standards book worksheets based standards content on KTSP.

The results of this study indicate biology worksheets book Focus have compatibility with based standards content on KTSP by: feasibility content ( $86 \% \pm 5.39$ ), the feasibility of the presentation ( $77 \% \pm 3.73$ ), and the appropriateness of language or readability ( $82 \% \pm 2.55$ ) with criteria appropriate or feasible to use. Biology worksheets book Maestro obtained feasibility content ( $82 \% \pm 5.49$ ), the feasibility of the presentation ( $78 \% \pm 5.93$ ), and the appropriateness of language or readability ( $75 \% \pm 0.00$ ) with a valid and appropriate criteria to be used. Biology worksheets book Mefi obtained feasibility of contents ( $80 \% \pm 2.87$ ), the feasibility of the presentation ( $76 \% \pm 2.90$ ), and the appropriateness of language or readability ( $73 \% \pm 3.25$ ) with enough valid criteria. From the analysis of the three books worksheets that are used in state high school in Lhokseumawe City has a high degree of conformity and in accordance with the standards of the National Education Standards (BSNP). This showed that the biology worksheet book deserves to be used.

## ABSTRAK

**NURLAILA.** Analisis Kesesuaian Lembar Kerja Siswa (LKS) Biologi SMA Negeri Se-Kota Lhokseumawe Kelas XI Berbasis Standar Isi KTSP. *Tesis. Medan: Program Pascasarjana Universitas Negeri Medan, Maret 2014.*

Penelitian ini bertujuan untuk menganalisis tingkat kesesuaian buku LKS Biologi SMA kelas XI semester 2 berdasarkan Standar Isi KTSP berupa: kelayakan isi, penyajian buku LKS, dan penyajian bahasa atau keterbacaan yang digunakan di SMA Negeri se-kota Lhokseumawe. Penelitian ini merupakan penelitian deskriptif, dengan menggunakan data kuantitatif. Dengan menggunakan teknik *purposive sampling* diperoleh sampel buku LKS terdiri dari 3 buku LKS Biologi. Penilaian kesesuaian buku LKS menggunakan standar penilaian buku LKS oleh Badan Standar Nasional Pendidikan (BSNP). Analisis data dilakukan dengan menghitung persentase komponen kesesuaian buku LKS berdasarkan Standar Isi KTSP.

Hasil penelitian ini menunjukkan buku LKS biologi Fokus memiliki kesesuaian dengan KTSP sebesar: kelayakan isi ( $86\% \pm 5,39$ ), kelayakan penyajian ( $77\% \pm 3,73$ ), dan kelayakan kebahasaan atau keterbacaan ( $82\% \pm 2,55$ ) dengan kriteria sesuai atau layak untuk digunakan. Buku LKS biologi Maestro diperoleh kelayakan isi ( $82\% \pm 5,49$ ), kelayakan penyajian ( $78\% \pm 5,93$ ), dan kelayakan kebahasaan atau keterbacaan ( $75\% \pm 0,00$ ) dengan kriteria valid dan sesuai untuk digunakan. Buku LKS biologi Mefi diperoleh kelayakan isi sebesar ( $80\% \pm 2,87$ ), kelayakan penyajian ( $76\% \pm 2,90$ ), dan kelayakan kebahasaan atau keterbacaan ( $73\% \pm 3,25$ ) dengan kriteria cukup valid. Dari hasil analisis ketiga buku LKS yang digunakan di sekolah SMA Negeri se-kota Lhokseumawe memiliki tingkat kesesuaian yang tinggi dan sesuai dengan standar dari BSNP. Hal ini menunjukkan bahwa buku LKS biologi tersebut layak untuk digunakan.

Kata Kunci : buku LKS Biologi, Standar Isi, dan KTSP