

ABSTRAK

Jessica Christine Rosalina Silaen, NIM 4173331026 (2022). Pengembangan Bahan Ajar Kimia Berbasis SETS Untuk Siswa SMA Kelas XI Semester Ganjil

Tujuan dari penelitian ini untuk mengetahui kelayakan bahan ajar kimia berbasis SETS pada materi kimia semester ganjil untuk siswa SMA Kelas XI berdasarkan kriteria BSNP dan untuk mengetahui respon siswa terhadap bahan ajar yang dikembangkan. Metode penelitian ini menggunakan research and development (R&D) dengan model pengembangan ADDIE. Model pengembangan ADDIE memiliki lima tahapan yaitu Analysis (Analisis), Design (Perancangan), Development (Pengembangan), Implementation (Implementasi), dan Evaluation (Evaluasi). Tahapan penelitian ini dilakukan sampai ADD (analysis, design, development) saja. Hasil penelitian menunjukkan bahwa bahan ajar yang telah dikembangkan telah memenuhi kriteria kelayakan menurut standar BSNP berdasarkan aspek kelayakan isi, aspek kelayakan penyajian, dan aspek kelayakan bahasa berturut-turut, yaitu 89,44%, 89,03%, dan 88,57% dengan kriteria valid/layak. Sedangkan hasil respon siswa terhadap bahan ajar yang dirancang sangat tinggi dengan persentase rata-rata 89,78%. Sehingga dapat disimpulkan bahan ajar kimia berbasis SETS untuk siswa SMA kelas XI semester ganjil yang dikembangkan telah memenuhi standar BSNP dan layak untuk digunakan.

Kata Kunci: Bahan Ajar, SETS, ADDIE, instrumen BSNP.

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ABSTRACT

Jessica Christine Rosalina Silaen, NIM 4173331026 (2022). Development of SETS-Based Chemistry Teaching Materials for Class XI Odd Semester High School Students

The purpose of this study was to determine the feasibility of SETS-based chemistry teaching materials in odd semester chemistry for Class XI high school students based on BSNP criteria and to determine student responses to the developed teaching materials. This research method uses research and development (R&D) with the ADDIE development model. The ADDIE development model has five stages, namely Analysis, Design, Development, Implementation, and Evaluation. The stages of this research are carried out until ADD (analysis, design, development) only. The results showed that the teaching materials that had been developed had met the eligibility criteria according to the BSNP standard based on aspects of content feasibility, presentation feasibility aspects, and language feasibility aspects, respectively, namely 89.44%, 89.03%, and 88.57% with valid/feasible criteria. While the results of student responses to the designed teaching materials are very high with an average percentage of 89.78%. So it can be concluded that SETS-based chemistry teaching materials for senior high school students of class XI odd semesters that have been developed have met BSNP standards and are suitable for use.

Keywords: Teaching Materials, SETS, ADDIE, BSNP instrument.

