

ABSTRAK

Adila Mawaddah, NIM 4173331001 (2022). Pengembangan Bahan Ajar Kimia Berbasis SETS (*Science, Environment, Technology and Society*) Untuk Siswa SMA Kelas XI Semester Genap

Penelitian ini bertujuan untuk mengetahui apakah bahan ajar kimia yang dikembangkan telah memenuhi standar BSNP dan berbasis SETS serta mengetahui respon siswa terhadap bahan ajar yang dirancang. Metode pengembangan mengacu pada model pengembangan ADDIE yang memiliki 5 tahap yaitu tahap Analysis, Design, Development, Implementation dan Evaluation. Tahap penelitian ini hanya sampai tahap pengembangan saja. Hasil penelitian menunjukkan bahwa bahan ajar kimia yang telah disusun sudah berbasis SETS dan memenuhi standar BSNP berdasarkan hasil validasi ahli materi diperoleh rata-rata persentase sebesar 86,32% dengan kriteria valid/layak serta berdasarkan hasil validasi ahli media diperoleh rata-rata persentase sebesar 84,44% dengan kriteria valid/layak. Sedangkan untuk hasil respon siswa terhadap bahan ajar yang dirancang adalah sangat tinggi dengan diperoleh rata-rata persentase sebesar 88,33%. Dengan demikian bahan ajar kimia berbasis SETS untuk siswa SMA kelas XI semester genap yang dikembangkan telah memenuhi standar BSNP dan layak digunakan.

Kata Kunci: Bahan Ajar, SETS, instrumen BSNP.



ABSTRACT

Adila Mawaddah, NIM 4173331001 (2022). Development of SETS-Based Chemistry Teaching Materials (*Science, Environment, Technology and Society*) for Senior High School Students Class XI Even Semester

This study aims to determine whether the chemistry teaching materials developed have met the BSNP standards and are based on SETS and to determine student responses to the designed teaching materials. The development method refers to the ADDIE development model which has 5 stages, namely the Analysis, Design, Development, Implementation and Evaluation stages. This research stage is only up to the development stage. The results showed that the chemistry teaching materials that had been prepared are based on SETS and had met the BSNP standards based on the results of the validation of the material experts, an average percentage of 86.24% was obtained with valid/feasible criteria and based on the results of the media expert validation, an average percentage of 84.44% was obtained. with valid/feasible criteria. Meanwhile, the results of student responses to the designed teaching materials are very high with an average percentage of 88.33%. Thus the SETS-based chemistry teaching materials for even semester XI senior high school students have met the BSNP standards and are suitable for use.

Keywords: Teaching Materials, SETS, BSNP instrument.

