

ABSTRAK

Widya Syahdi, NIM 4173331049 (2021). Pengembangan Lembar Kerja Siswa Berbasis Pendekatan Saintifik Pada Pokok Bahasan Laju Reaksi Di Sekolah Menengah Atas.

Penelitian ini bertujuan untuk memperoleh LKS berbasis pendekatan saintifik mata pelajaran laju reaksi yang memenuhi kriteria kelayakan isi, kelayakan bahasa, kelayakan penyajian, dan kelayakan grafis menurut BSNP, untuk mengetahui tanggapan siswa terhadap LKS dan untuk mengetahui hasil belajar siswa menggunakan LKS di SMA yang lebih tinggi dari KKM. Jenis penelitian yang digunakan adalah Research and Development (R&D) yang telah dimodifikasi sesuai kebutuhan. Populasi dalam penelitian ini adalah seluruh siswa kelas XI SMA Swasta Prayatna Medan Tahun Pelajaran 2020/2021. Penentuan sampel dilakukan secara purposive sampling dengan mengambil 1 kelas sebagai kelas eksperimen. Hasil penelitian menunjukkan: 1) LKS berbasis pendekatan saintifik materi laju reaksi yang dikembangkan telah memenuhi kriteria BSNP, dengan pengolahan data diperoleh: kelayakan isi = 3,70, kelayakan bahasa = 3,56, kelayakan penyajian = 3,67, dan kelayakan grafik = 3,75 dengan kriteria valid dan tidak perlu revisi; 2) Hasil angket respon siswa terhadap LKS berbasis pendekatan saintifik pada materi laju reaksi diperoleh rata-rata sebesar 90,41%. 3) Hasil belajar siswa dengan menggunakan LKS berbasis pendekatan saintifik pada mata pelajaran laju reaksi mengalami peningkatan sebesar 0,74 (73%) dengan kategori tinggi dan lebih tinggi daripada KKM.

Kata Kunci: Pengembangan, Media LKS, Pendekatan Saintifik



ABSTRACT

Widya Syahdi, NIM 4173331049 (2021). Development of Student Worksheets Based on a Scientific Approach on the Subject of Reaction Rates in Senior High Schools.

This study aims to obtain worksheets based on a scientific approach in reaction rate subjects that meet the criteria for content eligibility, language eligibility, presentation feasibility, and graphic feasibility according to BSNP, to determine student responses to student worksheets and to determine student learning outcomes using higher school student worksheets. from KKM. The type of research used is Research and Development (R&D) which has been modified as needed. The population in this study were all students of class XI SMA Private Prayatna Medan in the academic year 2020/2021. The sample was determined by purposive sampling by taking 1 class as the experimental class. The results showed: 1) LKS based on the scientific approach, the reaction rate material developed had met the BSNP criteria, with data processing obtained: content feasibility = 3.70, language feasibility = 3.56, presentation feasibility = 3.67, and graphical feasibility = 3.75 with valid criteria and does not need revision; 2) The results of the student response questionnaire to the student worksheet based on the scientific approach on the reaction rate material obtained an average of 90.41%. 3) Student learning outcomes using LKS based on a scientific approach in the subject of reaction rate has increased by 0.74 (73%) in the high category and higher than KKM.

Keywords: Development, LKS Media, Scientific Approach

