

ABSTRACT

Sepra Pajar. Nim 8166141016. The Development of Chemistry Innovative Guide practicum and Guide Kit for Grade X SMA/MA at Odd Semester according to the curriculum of 2013. Thesis. Postgraduate Program, State University Of Medan, 2018.

This study aims to obtain innovative guide practicum and kit practicum for grade X students SMA/MA at odd semester according to the curriculum of 2013, the guide practicum t assessments and kit practicum based on expert responses and improvements in student learning outcomes through product trials. This research was a development research referred to ADDIE (Analysis, Design, Development, Implementation and Evaluation) model. A limited only of trial practicum book and practicum kit was conducted through observation of students' attitudes, skills and responses. The study was at SMAN 2 Kampar, SMAN 1 Kampar Timur and SMAN 2 Rumbio Jaya and the trial subjects consisted of 98 students. Data collecting technique were used validation sheet of guidance book, questionnaire, observation sheet and test result instrument. The results of this study indicate that: the practicum book and practicum kit developed was deserve to be the teacher's grip in chemistry learning; the results of the implementation test of the sample in sequence on the performance evaluation aspect were 3.83; 3.77; 3.83 and product performances aspect were 3.71; 3.78; 3,83 that means very good criteria, student attitude evaluation result were 3,69; 3,69 and 3,61 that means good criteria, while student skill assessment were 3,70; 3.65 and 3.66 that means good criteria, while for learning outcomes based on cognitive ability test were 0.6 (medium); 0.64 (medium); and 0,74 (high), then for student response to guidebook and student chemistry practicum kit were 3,67; 3.65 and 3.71 that means good criteria

Keywords: *experiment guide, experiment kit, Grade X SMA/MA at Odd Semester according*

ABSTRAK

Sepra Pajar. Nim 8166141016. Pengembangan Buku Penuntun Dan kit Praktikum Kimia Yang Inovatif Untuk Kelas X SMA/MA Semester Ganjil Sesuai Kurikulum 2013. Tesis. Medan: Program Studi Pendidikan Kimia Pascasarjana Universitas Negeri Medan, 2018.

Penelitian ini bertujuan untuk memperoleh buku penuntun dan kit praktikum kimia yang inovatif bagi siswa kelas X SMA/MA semester ganjil sesuai kurikulum 2013, penilaian buku penuntun dan kit praktikum kimia berdasarkan tanggapan ahli serta peningkatan hasil belajar siswa melalui uji coba produk. Penelitian ini merupakan penelitian pengembangan mengacu pada model ADDIE (*Analysis, Design, Development, Implementation and Evaluation*). Uji coba terbatas buku penuntun dan kit praktikum kimia ini dilakukan melalui pengamatan terhadap keterlaksanaan, sikap, keterampilan dan respon siswa. Lokasi penelitian di SMAN 2 Kampar, SMAN 1 Kampar Timur dan SMAN 2 Rumbio Jaya dan subjek uji coba terdiri dari 98 siswa. Teknik pengumpul data menggunakan lembar validasi penuntun praktikum, angket, lembar observasi dan instrument tes hasil belajar. Hasil penelitian ini menunjukkan bahwa: buku penuntun dan kit praktikum kimia yang telah dikembangkan layak menjadi pegangan guru dalam pembelajaran kimia; hasil uji keterlaksanaan terhadap sampel secara berurutan pada aspek penilaian kinerja sebesar 3,83; 3,77; 3,83 dan aspek kinerja produk 3,71; 3,78; 3,83 dengan kriteria sangat baik, hasil penilaian sikap siswa sebesar 3,69; 3,69 dan 3,61 dengan kriteria baik, sedangkan penilaian keterampilan siswa sebesar 3,70; 3,65 dan 3,66, dengan kriteria baik, sementara untuk hasil belajar berdasarkan tes kemampuan kognitif sebesar 0,6 (sedang); 0,64 (sedang); dan 0,74 (tinggi), kemudian untuk respon siswa terhadap buku penuntun dan kit praktikum kimia siswa sebesar 3,67; 3,65 dan 3,71 dengan kriteria baik

Kata kunci: buku penuntun praktikum, kit praktikum kimia, SMA semester ganjil.