ABSTRAK

Salim Efendi: **Pengembangan Bahan Ajar Inovatif Kimia Larutan Berdasarkan Kurikulum 2013 Terintegrasi Pendidikan Karakter.** Tesis. Medan : Program Studi Pendidikan Kimia Pascasarjana Universitas Negeri Medan, 2015

Penelitian ini bertujuan untuk mengetahui: (1) susunan urutan materi/sub materi pada bahan ajar inovatif kimia larutan terintegrasi pendidikan karakter telah layak dan sesuai dengan Kurikulum 2013. (2) apakah bahan ajar inovatif kimia larutan yang telah dikembangkan telah layak dan sesuai dengan Kurikulum 2013. (3) apakah hasil implementasi bahan ajar inovatif kimia larutan yang telah dikembangkan berdasarkan kurikulum 2013 memberikan hasil belajar yang lebih baik kepada siswa SMA/MA Kelas XI semester II dibandingkan dengan siswa tanpa implementasi bahan ajar kimia yang telah dikembangkan berdasarkan kurikulum 2013.(4) apakah implementasi bahan ajar inovatif kimia larutan yang telah dikembangkan berdasarkan kurikulum 2013 dapat menumbuhkembangkan karakter siswa SMA/MA Kelas XI semester II yang lebih baik dibandingkan dengan siswa tanpa implementasi bahan ajar kimia yang telah dikembangkan berdasarkan kurikulum 2013. (5) Apakah terdapat hubungan antara karakter yang terkembang dengan hasil belajar kimia siswa SMA/MA Kelas XI semester II yang dibelajarkan dengan bahan ajar inovatif kimia larutan. Penelitian ini menggunakan data kualitatif yang dijelaskan melalui angket dengan lembar kelayakan buku yang berisi indikator-indikator penilaian yang berasal dari Badan Standar Nasional Pendidikan (BSNP) dan data kuantitatif untuk mengetahui hasil efektifitas implementasi Bahan Ajar terhadap hasil belajar dan karakter siswa. Populasi penelitian ini adalah seluruh siswa kelas XI semester II SMA Negeri 3 Medan. Adapun perlakuan sampel sebanyak 2 kelas yaitu kelas eksperimen I dan kelas Eksperimen II. Pengumpulan data dilakukan dengan tes objektif untuk hasil belajar siswa sebelum dan sesudah proses pembelajaran, lembar observasi selama proses pembelajaran dilakukan untuk mengukur karakter yang. Data dianalisis menggunakan *SPSS 17.0* dengan taraf signifikan 0,05. Hasil penilaian berupa rerata tentang validasi untuk menentukan layak atau tidaknya bahan ajar inovatif kimia Larutan. Hasil yang diperoleh: (1) Telah diperoleh susunan urutan materi/sub materi yang disusun penulis pada bahan ajar inovatif kimia larutan SMA/MA semester II telah layak dan sesuai dengan Kurikulum 2013 (2) Bahan ajar inovatif kimia larutan yang dikembangkan untuk SMA/MA kelas XI semester II telah layak dan sesuai dengan kurikulum 2013 berdasarkan hasil standarisasi kelayakan isi sebesar 3.66, standarisasi kelayakan bahasa sebesar 3,74, standarisasi kelayakan penyajian sebesar 3,63, standarisasi kegrafikaan sebesar 3,69 (3) Terdapat perbedaan yang dignifikan hasil belajar siswa dengan implementasi bahan ajar inovatif kimia larutan yang telah dikembangkan berdasarkan kurikulum 2013 memberikan hasil belajar yang lebih baik kepada siswa SMA/MA Kelas XI semester II dibandingkan dengan siswa tanpa implementasi bahan ajar kimia yang telah dikembangkan berdasarkan kurikulum 2013. ($Sig._{1\text{-}tailed} < \alpha$ (0,0195 < 0,05)) (4) Terdapat perbedaan yang signifikan perkembangan karakter siswa SMA/MA Kelas XI semester II yang diajarkan dengan implementasi bahan ajar inovatif kimia larutan yang telah dikembangkan berdasarkan kurikulum 2013 dapat menumbuhkembangkan karakter siswa SMA/MA Kelas XI semester II yang lebih baik dibandingkan dengan siswa tanpa implementasi bahan ajar kimia yang telah dikembangkan berdasarkan kurikulum 2013 (5) Terdapat hubungan antara karakter yang terkembang (Toleransi, Demokratis, Percaya Diri) dengan hasil belajar kimia siswa SMA/MA Kelas XI semester II yang dibelajarkan dengan bahan ajar inovatif kimia larutan.

Kata Kunci : *Bahan Ajar Kimia Larutan, Based Learning, Hasil Belajar, Toleransi, Demokratis, Komunikatif, Percaya diri, Menghargai prestasi.*

ABSTRACT

Salim Efendi: **Development of Innovative Teaching Material on Chemistry Solution Topic Based Curriculum 2013 Integrated Character Education**. Thesis. Medan: Chemistry Education Studies Graduate Program, State University of Medan, 2015

This study aims to determine: (1) the composition of the order of material / sub material on innovative teaching materials integrated solution chemistry has decent character education and in accordance with the curriculum, 2013. (2) whether the solution chemistry of innovative teaching materials that have been developed have been appropriately and in accordance with the curriculum 2013. (3) whether the results of the implementation of innovative teaching materials chemistry solution that has been developed based on the curriculum of 2013 provide a better learning outcomes for SMA / MA Class XI second half compared to students without the implementation of teaching materials chemistry that has been developed based on the curriculum 2013. (4) whether the implementation of innovative teaching materials chemistry solution that has been developed based on the curriculum of 2013 can develop the character for SMA / MA Class XI second half better than students without implementation chemistry teaching materials have been developed based on the curriculum of 2013.(5) Is there a relationship Among the characters are well developed with chemistry student learning outcomes SMA / MA Class XI second half that learned with innovative teaching materials solution chemistry. This study uses qualitative data described through a questionnaire with eligibility sheet book contains indicators of assessment from the National Education Standards Agency (BSNP) and quantitative data to determine the effectiveness of the implementation of the results of Instructional Materials for learning outcomes and student character. The population of this study were all students of class XI SMA second semester 3 Medan. The treatment sample of 2 classes of experimental class I and class II Experiment. Data collected by an objective test for student learning outcomes before and after the learning process, the observation sheet during the learning process performed to measure character. Data were analyzed using SPSS 17.0 with a significance level of 0.05. The results of the assessment form validation mean to determine the feasibility of innovative teaching materials chemistry solution. The results were obtained: (1) Has obtained the sequence composition of matter / sub material compiled author on innovative teaching materials solution chemistry SMA / MA the second half was decent and in accordance with the Curriculum 2013 (2) innovative teaching materials chemical solution developed for SMA / MA XI classes second semester was decent and in accordance with the curriculum in 2013 based on the results of the feasibility of standardizing the contents of 3.66, 3.74 for the standardization of the language feasibility, feasibility standardize the presentation by 3.63, graph standardization of 3.69 (3) There are differences dignifikan learning outcomes students with implementation of innovative teaching materials chemistry solution that has been developed based on the curriculum of 2013 provide a better learning outcomes for SMA / MA Class XI second half compared to students without the implementation of teaching materials chemistry that has been developed based on the curriculum of 2013. (Sig.1-tailed $<\alpha$ (0.0195 <0.05)) (4) There is a significant difference in students' character development SMA / MA Class XI second semester is taught with the implementation of innovative teaching materials chemistry solution that has been developed based on the curriculum of 2013 can develop the character for SMA/ MA Class XI second half better than students without implementation chemistry teaching materials have been developed based on the curriculum in 2013 (5) There is a relationship between the characters outstretched (Tolerance, Democratic, Confidence) with a chemistry student learning outcomes SMA / MA Class XI half II who learned with innovative teaching materials solution chemistry

Keywords: *Instructional Materials Chemistry Solutions, Based Learning, Learning Outcomes, Tolerance, Democratic, Communicative, Confidence, Respect achievement*