ABSTRAK

Uswatun Hasanah.S **: Implementasi Model *Cooperative Problem Based Learning (CPBL)* Terintegrasi Bahan Ajar untuk Meningkatkan Hasil Belajar dan Menumbuhkembangkan Karakter Siswa pada Reaksi Reduksi dan Oksidasi**. Tesis. Medan: Program Studi Pendidikan Kimia, Pascasarjana Universitas Negeri Medan, 2015.

Penelitian ini adalah penelitian eksperimen dengan rancangan *pretest* dan *posttest* didukung dengan deskriptif kualitatif yang bertujuan untuk mengetahui perbedaan hasil belajar dan perbedaan peningkatan hasil belajar antara siswa yang dibelajarkan dengan menggunakan model *Cooperative Problem Based Learning (CPBL)* terintegrasi bahan ajar kimia SMA/MA yang telah dikembangkan dengan hasil belajar siswa yang dibelajarkan dengan menggunakan model *Cooperative Problem Based Learning (CPBL)* terintegrasi bahan ajar kimia SMA/MA di sekolah, peningkatan hasil belajar dan menumbuhkembangkan nilai-nilai karakter siswa dengan menggunakan model *Cooperative Problem Based Learning (CPBL)* terintegrasi bahan ajar kimia SMA/MA yang telah dikembangkan, dan hubungan antara nilai-nilai karakter siswa dengan hasil belajar siswa yang dibelajarkan dengan model *Cooperative Problem Based Learning (CPBL)* terintegrasi bahan ajar kimia SMA/MA yang telah dikembangkan. Populasi dalam penelitian ini adalah seluruh siswa kelas X SMA/MA di Kota Pekanbaru dan Kabupaten Kampar, Riau. Teknik pengambilan sampel adalah *purposive sampling*. Sampel penelitian sebanyak 2 kelas yaitu kelas eksperimen 1 dibelajarkan dengan menggunakan model *Cooperative Problem Based Learning (CPBL)* terintegrasi bahan ajar kimia SMA/MA yang telah dikembangkan dan pada eksperimen 2 dibelajarkan dengan menggunakan model *Cooperative Problem Based Learning (CPBL)* terintegrasi bahan ajar kimia SMA/MA di sekolah. Instrumen penelitian berupa tes objektif hasil belajar dan lembar observasi. Telah dilakukan uji persyaratan berupa uji normalitas dan uji homogenitas, diperoleh hasil bahwa data berdistribusi normal dan memiliki variansi yang sama. Teknik analisa data dilakukan dengan uji *Independent Sample T-test, Correlation* dan *Regression Linear* pada program SPSS 16 *for windows* dengan taraf signifikan 0,05. Hasil penelitian menunjukkan bahwa Ha_1 dan Ha_2 diterima dengan perolehan harga sig. 0,000< 0,05, terjadi peningkatan hasil belajar siswa pada kelas eksperimen 1 sebesar 60% dengan kategori sedang, terjadi pertumbuhan dan perkembangan nilai-nilai karakter siswa yaitu karakter komunikatif sebesar 78,51 dengan kategori tinggi, kreatifitas sebesar 78,85 dengan kategori tinggi, rasa ingin tahu sebesar 81,01 dengan kategori sangat tinggi, tanggung jawab sebesar 82,92 dengan kategori sangat tinggi, dan toleransi sebesar 83,11 dengan kategori sangat tinggi, dan Ha_3 diterima dengan perolehan harga sig. 0,000< 0,05.

Kata Kunci : *Cooperative Problem Based Learning (CPBL),* Bahan Ajar Kimia, Hasil Belajar, Karakter.

ABSTRACT

Uswatun Hasanah S**. Implemantation of Cooperative Problem Based Learning (CPBL) Integrated Teaching Material for Increasingof Learning Outcomes and Develop Student Characters in Reduction and Oxidation Reaction**. Thesis. Medan: Chemical Education Studies Postgraduate Program, State University of Medan, 2015.

This research is a experimental study by planning pretest and posttest supported by qualitative descriptive aims to know difference of learning outcomes and difference of increasing of learning outcomes between student learned by using model of Cooperative Problem Based Learning (CPBL) integrated chemistry teaching material for SMA/MA have been developed with student learning outcomes learned by using model of Cooperative Problem Based Learning integrated chemistry teaching material for SMA/MA at school, increased of student learning outcomes and development of student character values by using model of Cooperative Problem Based Learning (CPBL) integrated chemistry teaching material for SMA/MA have been developed and correlation between student character values with student learning outcomes learned by using model of Cooperative Problem Based Learning (CPBL) integrated chemistry teaching material for SMA/MA have been developed. The population in this study is all student X Class in SMA/MA in Pekanbaru City and Kampar District, Riau. Technique for selection of the sample is purposive sampling. Study sample were 2 class that are experiment class 1 learned by using model of Cooperative Problem Based Learning (CPBL) integrated chemistry teaching material for SMA/MA have been developed and experiment class 2 learned by using model of Cooperative Problem Based Learning (CPBL) integrated chemistry teaching material for SMA/MA at school. Study instrument in the form an objective test learning outcomes and observation sheet. Have been done prerequisite form normality test and homogenity test, the result is data normal distributed and have same varians. Analysis technique of data with Independent Sample T-test, Correlation and Regression Linear in SPSS 16 Program for windows with significant 0,05. The study outcomes show that Ha_1 and Ha_2 accepted with result sig. 0,000<0,05, occur of increased of student learning outcomes in experiment class 1 is 60% with medium category, occur develop of students character values that are communicative character is 78,51% with high category, creativity is 78,85% with high category, curiosity is 81,01% with very high category, responsibility is 82,92% with very high category and tolerance is 83,11 with very high category and Ha_3 accepted with result sig. 0,000<0,05.

Keywords: Cooperative Problem Based Learning (CPBL), Chemistry Teaching Material, Learning Outcomes, Characters.