

ABSTRAK

Fauziah Harsyah : **Implementasi Model Pembelajaran Kooperatif Berbasis Masalah Terintegrasi Buku Ajar dalam Meningkatkan Hasil Belajar dan Menumbuhkembangkan Karakter Siswa pada Perhitungan Kimia.** Tesis. Medan: Program Studi Pendidikan Kimia, Pascasarjana Universitas Negeri Medan. 2015

Penelitian ini bertujuan untuk mengetahui: (1) Perbedaan hasil belajar kimia siswa yang diajar dengan model pembelajaran kooperatif berbasis masalah terintegrasi buku ajar kimia SMA/MA yang telah dikembangkan dengan yang diajar menggunakan model pembelajaran kooperatif berbasis masalah terintegrasi buku ajar kimia SMA/MA pegangan siswa. (2) Perbedaan peningkatan hasil belajar kimia siswa yang diajar dengan model pembelajaran kooperatif berbasis masalah terintegrasi buku ajar kimia SMA/MA yang telah dikembangkan dengan yang diajar dengan model pembelajaran kooperatif berbasis masalah terintegrasi buku ajar kimia SMA/MA pegangan siswa. (3) Hubungan karakter siswa terhadap hasil belajar kimia yang diajar dengan menggunakan model pembelajaran kooperatif berbasis masalah terintegrasi buku ajar kimia SMA/MA yang telah dikembangkan. (4) Model pembelajaran kooperatif berbasis masalah terintegrasi buku ajar kimia SMA/MA yang telah dikembangkan dapat meningkatkan hasil belajar kimia siswa. (5) Model pembelajaran kooperatif berbasis masalah terintegrasi buku ajar kimia SMA/MA yang telah dikembangkan dapat menumbuhkembangkan nilai-nilai karakter siswa. Populasi dalam penelitian ini adalah SMA kelas X Matematika Sains di Kabupaten Batubara pada semester genap Tahun Ajaran 2014/2015 yang diajarkan dengan materi kurikulum 2013. Teknik pengambilan sampel adalah *purposive sampling*. Sampel dalam penelitian ini adalah 5 SMA di Batubara yang terdiri dari dua kelas setiap sekolahnya. Kelas eksperimen I diajar dengan model pembelajaran kooperatif berbasis masalah terintegrasi buku ajar kimia SMA/MA yang telah dikembangkan dan kelas eksperimen II dengan model pembelajaran kooperatif berbasis masalah terintegrasi buku ajar kimia SMA/MA pegangan siswa di sekolah. Instrumen penelitian berupa tes objektif hasil belajar dan lembar observasi karakter siswa. Teknik analisa data dilakukan dengan menggunakan *Compare Means-Independent Samples T- test* program SPSS 16.0. Hasil penelitian menunjukkan bahwa untuk hipotesis pertama, kedua dan ketiga H_a diterima $\text{Sig.} < \alpha$ ($0,000 < 0,05$). Berdasarkan perhitungan diperoleh nilai rata-rata gain 0,51 atau 51%, sehingga model pembelajaran kooperatif berbasis masalah terintegrasi buku ajar kimia SMA/MA yang telah dikembangkan dapat meningkatkan hasil belajar kimia siswa. Data yang diperoleh menunjukkan hasil karakter dengan rata-rata tinggi, sehingga model pembelajaran kooperatif berbasis masalah terintegrasi buku ajar kimia SMA/MA yang telah dikembangkan dapat menumbuhkembangkan karakter siswa.

Kata Kunci: Model pembelajaran kooperatif berbasis masalah, buku ajar, karakter, hasil belajar.

ABSTRACT

Fauziah Harsyah : **The Implementation Cooperative Problem Based learning Method Base on The Integration Problem of Text Book For Achieve The Result Study And Growing up the Student- Characteristic In Chemistry Calculation.** Thesis, Medan :Chemical Education Studies Postgraduate Program, State University of Medan, 2015.

This study aims to know : (1) The differences of the result study students in chemistry by using cooperative problem based learning with intergration of using text book ini senior high school which is developing with learning by using cooperative problem based learning in students text book. (2) The differences would be increase study result especially for students in chemistry which learn by cooperative problem based learning integration students text book which develope by learn using cooperative based learning for students text book. (3) The relation of students character with the result in chemistry by using cooperative problem based learning integration chemistry text book in senior high school that has been developed. (4) The cooperative proble based learning with the integration of senior text book can improve the student result in chemistry. (5) The cooperative problem based learning integration with senior text book develop with the students value characteristic. The population in this study are senior student X MMS in Batubara district for second semester in 2014/2015 that learning by curriculum 2013. The ways of sample is purposive sampling. The sample in this study are 5 school in Batubara which is divided in two classes in every school. The experiment class is learn by using cooperative problem based learning which integration with chemistry text book in senior that has been developed and the experiment class II using cooperative problem based learning which integration student chemistry text book in the school. The instrument in this study is objection test of the result study and the observation paper from the student character. The way of date analysis do by using Compare Means – Independent Samples T- test programme SPSS 16.0. The result of this study shows for first hypothes, second and third showed Sig.< α ($0,000 < 0,05$). Based on the calculation of the average values obtained in gain range 0,51 or 51%. So that, the cooperative problem based learning integration chemistry text book for senior that has been developed can increase study result in chemistry subject. The data obtained show results with average character height so that the cooperative problem based learning integration chemistry text book for senior that has been developed can develop students character.

Keywords : *Cooperative Problem Based Learning, Text Book, Character, Report (Result Study).*