

## ABSTRAK

**Albertus Adhitya Nawang Christiyanto. 2016. Pengaruh Pembelajaran Berbasis Pendidikan Karakter Terhadap Prestasi Belajar Siswa Pada Materi Himpunan Di Kelas VII SMP Pangudi Luhur Boro Yogyakarta Tahun Ajaran 2015/2016. Skripsi. Yogyakarta: Program Studi Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma.**

Penelitian ini bertujuan untuk mengetahui: (1) bagaimana tanggapan siswa terhadap pembelajaran berbasis pendidikan karakter (2) apakah terdapat perbedaan prestasi belajar siswa sebelum mendapatkan pembelajaran berbasis pendidikan karakter dengan sesudah mendapatkan pembelajaran berbasis pendidikan karakter (3) apakah terdapat perbedaan prestasi belajar antara kelompok siswa yang mendapatkan pembelajaran himpunan berbasis pendidikan karakter dengan kelompok siswa yang mendapatkan pembelajaran himpunan tanpa berbasis karakter.

Penelitian dilakukan di SMP Pangudi Luhur Boro Yogyakarta pada bulan Oktober-Desember 2015 semester gasal tahun ajaran 2015/2016. Populasi dalam penelitian ini adalah siswa kelas VII SMP Pangudi Luhur Boro Yogyakarta. Sampel penelitian kualitatif dalam penelitian ini adalah subjek dari kelas VII A dan VII B yang berjumlah 6 orang. Sampel penelitian kuantitatif dalam penelitian ini adalah kelas VII A sebagai kelas eksperimen dan kelas VII B sebagai kelas kontrol. Data diambil dengan metode angket, tes, dan wawancara. Pengolahan data menggunakan uji normalitas *Kolmogorov-Smirnov*, uji *paired sample t test*, dan uji *independent sample t test*.

Berdasarkan hasil penelitian, disimpulkan bahwa (1) siswa memberikan tanggapan positif terhadap pembelajaran berbasis pendidikan karakter (2) pendidikan karakter berhasil membuat peningkatan hasil belajar kelas eksperimen dimana dengan uji *paired sample t test* diperoleh nilai  $-t \text{ hitung} < -t \text{ tabel}$  ( $-2,672 < -2,056$ ) dan *P Value* ( $0,013 < 0,05$ ) maka rata-rata nilai kelas eksperimen lebih tinggi setelah mendapatkan pendidikan karakter. Sedangkan pada kelas kontrol mengalami penurunan hasil belajar dimana diperoleh nilai  $t \text{ hitung} > t \text{ tabel}$  ( $5,279 > 2,052$ ) dan *P Value* ( $0,00 < 0,05$ ) (3) melalui uji *independent t test* diperoleh  $t \text{ hitung} < t \text{ tabel}$  ( $1,467 < 2,006$ ) dan *P Value* ( $0,148 > 0,05$ ) maka tidak terdapat perbedaan antara rata-rata nilai kelas eksperimen dengan kelas kontrol.

Kata Kunci : Himpunan, Pendidikan Karakter, Hasil Belajar Matematika.

## ABSTRACT

**Albertus Adhitya Nawang Christiyanto. 2016. Influence of Character Building by Learning Mathematics Towards The Study Achievement for The Students of Class VII Pangudi Luhur Junior High School, Boro Yogyakarta on the Topic of Sets in the Academic year 2015/2016. Undergraduate Thesis. Yogyakarta: Mathematics Education Study Program, Department of Mathematics and Science Education, Faculty of Teacher Training and Education, Sanata Dharma University.**

This study aimed to investigate (1) how were the student's responses to the character building by learning mathematics (2) whether there was any difference in study achievement before and after the learning process based on character building (3) whether there was any difference in study achievement between group of students with learning process based on character building and group of students with learning process not based on character building.

This research was conducted in Pangudi Luhur Junior High School Boro Yogyakarta. The population in this study was the set of seventh grade students of Pangudi Luhur Junior High School Boro Yogyakarta. The sample in this study consisted of students of Class VII A as the experimental class and class VII B as a control class. Data were taken by the questionnaire method, test method, and interview. The processing of the data in this study used kolmogorov-smirnov test for normality, paired sample t test, and independent sample t test.

Based on the research that has been done, it was concluded that (1) students gave positive responses towards the learning process based on character building (2) implementation of character building by learning mathematics has succeed to produce better learning outcome for the experimental class ((the result by paired sample t test is  $-t \text{ count} < -t \text{ table}$  ( $-2,672 < -2,056$ ) and P Value ( $0,013 < 0,05$ )). It means that the experimental class average value was higher after the implementation of character building. Meanwhile the control class gained a drop in the learning achievement ((the result was as follows  $t \text{ count} > t \text{ table}$  ( $5,279 > 2,052$ ) and P value ( $0,00 < 0,05$ )) (3) through independent sample t test it was obtained  $t \text{ count} < t \text{ table}$  ( $1,467 < 2,006$ ) and P value ( $0,148 > 0,05$ ). It means that there wasn't any difference between the learning achievement of the experimental class and the control class.

Keywords : sets, character building, mathematics learning achievement.