

**PERBANDINGAN HASIL BELAJAR DAN AKTIVITAS
SISWA MENGGUNAKAN METODE CO-OP CO-OP
(*Cooperation Academic Education Program*) DENGAN
METODE KONVENSIONAL PADA MATERI
PENCEMARAN LINGKUNGAN DI
KELAS VII SMP NEGERI 18
MEDAN T.P.2012/2013**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui perbedaan hasil belajar dan aktivitas siswa menggunakan metode Co-op Co-op (*Cooperation Academic Education Program*) dengan metode Konvensional Pada Materi Pencemaran Lingkungan Di Kelas VII SMP Negeri 18 Medan Tahun Pembelajaran 2012/2013. Jenis penelitian ini adalah eksperimen. Populasi adalah seluruh siswa kelas VII SMP Negeri 18 Medan yang terdiri dari 8 kelas. Sampel diambil dengan *random* sampling dan diperoleh sampel untuk kelas eksperimen (VII-1) dan kelas kontrol (VII-3). Instrumen penelitian yang digunakan adalah tes hasil belajar siswa dalam bentuk pilihan berganda yang berjumlah 20 soal yang telah divalidkan terlebih dahulu.

Dari hasil uji persyaratan data diketahui bahwa pre-tes kelas Co-op Co-op ($43,63 \pm 10,80$) dan pre-tes kelas Konvensional ($44,63 \pm 11,23$). Sedangkan pos-tes kelas Co-op Co-op ($77,75 \pm 8,24$) dan pos-tes kelas Konvensional ($68,13 \pm 7,98$). Untuk aktivitas siswa di kelas Co-op Co-op pada pertemuan I diperoleh skor rata-rata 6,7 dan pertemuan II skor rata-rata 8,1. Sedangkan di kelas Konvensional pada pertemuan I diperoleh skor rata-rata 6,1 dan pertemuan II diperoleh skor rata-rata 6,6. Untuk teknik analisis data diperoleh $t_{hit} = 5,39$ dan $t_{tabel} = 1,994$. Ini $t_{hitung} > t_{tabel}$ ($5,39 > 1,994$), yang berarti dalam penelitian ini H_0 ditolak sekaligus menerima H_a . Sehingga dapat disimpulkan bahwa ada perbedaan hasil belajar siswa menggunakan metode Co-op Co-op dibandingkan dengan metode Konvensional pada materi pencemaran lingkungan di kelas VII SMP Negeri 18 Medan Tahun Pembelajaran 2012/2013.

**THE COMPARISON OF STUDENT'S ACHIEVEMENT AND ACTIVITIES
USING CO-OP CO-OP METHOD (*COOPERATION ACADEMIC
EDUCATION PROGRAM*) WITH CONVENTIONAL
METHOD IN MATERIAL OF ENVIROMENTAL
POLLUTION FOR STUDENT CLASS VII OF
SMP NEGERI 18 MEDAN AT 2012/2013
OF SCHOOL YEAR**

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ABSTRACT

This study is to investigate the comparison of student's achievement and activities using Co-op Co-op method (*Cooperation Academic Education Program*) with conventional method in material of environmental pollution for student class VII SMP Negeri 18 Medan at 2012/2013 of school year. The design of this study is experimental. The population of this study was the entire of students of SMP Negeri 18 Medan which consisting of 8 class. Samples of this study was taken by random sampling which has 1 class for the experimental class (VII-1) and 1 class for control class (VII-3). The instrument of this study was a achievement test in multiple choice with 20 item.

Based on the analytic of data test for requirement, it was know that pre-test of Co-op Co-op class ($43,63 \pm 10,80$) and pre-test ($44,63 \pm 11,23$). While pos-test of Co-op Co-op class ($77,75 \pm 8,24$) and pos-test Conventional class ($68,13 \pm 7,98$). For student's activities in Co-op Co-op class, the first meeting it was found that the average score was 6,7 and in the second meeting, it was found that the average score was 8,1. While, in Conventional class the first meeting, it was found that the average score was 6,1 and in the second meeting, it was found that the average score was 6,6. For the data analytic technique, it was found $t_{obj} = 5,39$ and $t_{table} = 1,994$. Therefore, H_a accepted and H_o rejected. It means that there is difference of students achievement using Co-op Co-op method with Conventional method in material of environmental pollution for student.

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