

ABSTRAK

Penelitian ini bertujuan dalam pengembangan pembelajaran di luar kelas berbasis proyek dalam meningkatkan keterampilan berpikir kreatif siswa pada penanganan limbah. Jenis penelitian ini dengan metode penelitian *weak experimental designs*, dan desain penelitian *the one group pretest-posttest design*. Populasi penelitian ini adalah seluruh siswa kelas XI di SMK Negeri 3 Cimahi. Sampel dalam penelitian ini dipilih secara *purposive sampling*, yakni diambil satu kelas eksperimen, yaitu kelas XI Tata Busana 1. Instrumen penelitian meliputi tes keterampilan berpikir kreatif, tes tindakan kreatif, tes produk kreatif, tes penguasaan materi, dan angket tanggapan siswa. Pengolahan data menggunakan uji t berpasangan (*paired sample t test*) dan uji t satu sampel (*one sample t test*). Hasil penelitian menunjukkan bahwa (1) Peningkatan keterampilan berpikir kreatif siswa dalam membuat proyek pada dengan kategori sedang, (2) Tindakan kreatif siswa lebih baik dari kriteria ketuntasan minimal (KKM) yang ditetapkan, (4) Produk kreatif siswa dalam menangani limbah lebih baik dari kriteria ketuntasan minimal (KKM) yang ditetapkan, dan (5) Peningkatan penguasaan materi penanganan limbah dengan kategori sedang. Pengembangan pembelajaran di luar kelas melalui *Project Based Learning* dapat meningkatkan keterampilan berpikir kreatif siswa dalam penanganan limbah, dan dapat membantu mengatasi permasalahan lingkungan yang ada di sekolah.

Kata kunci: Pembelajaran di luar kelas, *Project Based Learning*, Keterampilan berpikir kreatif

ABSTRACT

The aim of this research in the development of learning outside the classroom-based projects to improve students' creative thinking skills in handling the waste. This type of research with weak research methods of experimental designs, and the design of the study one group pretest-posttes design. The study population was all students of class XI in SMK Negeri 3 Cimahi. The sample in this study were selected by purposive sampling, namely taken an experimental class, the class XI dressmaking 1. The research instruments include creative thinking skills tests, tests of creative action, creative product tests, tests mastery of the material, and the questionnaire responses of students. Processing data using paired t-test (paired sample t test) and one sample t-test (one-sample t test). The results showed that (1) Enhanced creative thinking skills of students in making projects in the medium category, (2) The act of creative students better than minimum completeness criteria (KKM) established, (4) Product of creative students in handling the waste better than minimum completeness criteria (KKM) is determined, and (5) Increased mastery of the material handling waste medium category. Development of learning outside the classroom through Project Based Learning can enhance creative thinking skills of students in the handling of waste, and can help overcome the problems that exist in the school environment.

Keywords: Learning outside the classroom, Project Based Learning, Creative thinking skills