

## ABSTRAK

Sani, A.H. 2018. Pengaruh model *Project Based Learning* berbantu media Barung terhadap sikap kreatif dan kemampuan pembuktian matematis siswa SD kelas V, *Skripsi*. Program Studi Guru Sekolah Dasar. Fakultas Keguruan dan Ilmu Pendidikan, Universitas Islam Sultan Agung. Pembimbing I : Rida Fironika K., S.Pd.,M.Pd.,Pembimbing II : Nuhyal Ulia, S.Pd.,M.Pd.

Penelitian berfokus pada pengaruh model *Project Based Learning* terhadap sikap dan kemampuan pembuktian matematis pada materi bangun ruang. Rendahnya sikap kreatif dan kemampuan pembuktian matematis membuat proses belajar kurang maksimal. Penelitian kuantitatif ini menggunakan metode *Pre Experimental Design* dengan bentuk *One - Group Pretest – Posttest*. Populasi nya adalah seluruh siswa kelas V SD Negeri Kebonsari dengan jumlah 20 siswa dan menggunakan teknik sampel jenuh. Analisis data yang digunakan adalah uji coba instrumen, uji data awal dan uji data akhir Sikap kreatif melalui model pembelajaran *Project based learning* berbantu media barung berpengaruh positif pada pembuktian matematis dengan diperoleh persamaan garis regresi  $y = 17,474 + 0,850X$  yang artinya setiap penambahan satu satuan variabel bebas maka akan mengakibatkan naiknya variabel terikat sebesar 0,85 sehingga berpengaruh positif. Kemampuan pembuktian matematis melalui model Project based Learning berbantu media barung dapat memenuhi ketuntasan KKM. Berdasarkan data diperoleh  $t_{hitung} = 10,004$  dan diperoleh  $t_{tabel} = t_{(dk=n-1)}(0,01)(20-1) = 1,729$ . Dari hasil tersebut maka diperoleh  $t_{hitung} > t_{tabel}$ , sehingga hipotesis  $H_0$  diterima. Artinya rata – rata nilai kemampuan pembuktian matematis lebih dari 65.

**Kata Kunci :** Sikap Kreatif, *Project based learning*, Kemampuan Pembuktian Matematis

## ABSTRACT

Sani, A.H. 2018. The model of Project Based Learning trust in Barung media towards creative attitude and mathematical prove ability of grade V elementary students, Thesis. Primary School Teacher Study Program. Faculty of Teacher Training and Education, Sultan Agung Islamic University. Counselor I: Rida Fironika K., S.Pd., M.Pd., Second Counselor: Nuhyal Ulia, S.Pd., M.Pd.

Project Based Learning project based learning model on the attitude and ability of mathematical proof on waking material. The low creative attitude and the ability to prove mathematically make the learning process less than the maximum. This quantitative research using Pre Experimental Design method with the form of One - Group Pretest - Posttest. The population is all students of grade V SD Negeri Kebonsari with the number of 20 students and using saturated sample technique. Data analysis used is trial, data analysis and data analysis. Learning-based method that helps positive media barungansi on mathematical proof by obtaining the area of regression  $= 17,474 + 0,850X$  which means every variable one day variable will produce variable rise equal to 0,85. The ability of mathematical proof through project based learning model assisted by barung media can fulfill the KKM completeness. Based on the data obtained thitung = 10,004 and get ttable = t ( ) (dk = n-1) = t (0,01) (20-1) = 1,729. From these results then obtained thitung > - table, Ho hypothesis. Average mean mathematical proof ability over 65.

Keywords: Creative Attitude, Project-based Learning, Mathematical Proofing Capability