

ABSTRAK

Zega, Pretty Souvenir Zega, 212117062, Pengaruh Model Pembelajaran *Project Based Learning* (PjBL) Terhadap Literasi Numerasi Dan Minat Belajar Matematika Siswa. Skripsi. Pembimbing Yakin Niat Telaumbanua, M.Pd.

Penelitian ini didasarkan pada hasil studi pendahuluan yang dilakukan peneliti di SMP Negeri 2 Lotu, ditemukan beberapa permasalahan yaitu (1) rendahnya kemampuan literasi numerasi siswa, (2) kurangnya variasi model pembelajaran yang diterapkan guru, serta (3) rendahnya minat belajar matematika siswa. Tujuan penelitian ini adalah untuk mengetahui: (1) pengaruh model pembelajaran *project based learning* terhadap literasi numerasi siswa, dan (2) pengaruh model pembelajaran *project based learning* terhadap minat belajar matematika siswa. Penelitian ini merupakan penelitian kuantitatif dengan menggunakan metode eksperimen semu (*quasi experimental*) dengan desain *nonequivalent control group design*. Populasi penelitian adalah siswa kelas VII, dengan sampel dua kelas yaitu VII-A sebagai kelas kontrol dan VII-B sebagai kelas eksperimen. Instrumen penelitian terdiri dari tes dan angket. Hasil penelitian menunjukkan bahwa: (1) Hasil nilai t_{hitung} literasi numerasi sebesar 9,849 dan t_{tabel} 2,017, karena $t_{hitung} > t_{tabel}$ maka H_0 ditolak dan H_1 diterima. (2) Hasil nilai t_{hitung} minat belajar sebesar 20,753 dan t_{tabel} sebesar 2,017, karena $t_{hitung} > t_{tabel}$ maka H_0 ditolak dan H_1 diterima. Dengan demikian dapat disimpulkan bahwa: (1) Model pembelajaran *project based learning* berpengaruh secara signifikan terhadap kemampuan literasi numerasi siswa. Hal ini ditunjukkan dari nilai rata-rata akhir kelompok eksperimen sebesar 78 (kategori tinggi), lebih tinggi dibandingkan kelompok kontrol sebesar 63,56 (kategori sedang). (2) Model pembelajaran *project based learning* juga berpengaruh signifikan terhadap minat belajar matematika siswa. Nilai rata-rata angket minat belajar pada kelompok eksperimen mencapai 89,40 (kategori sangat tinggi), sedangkan pada kelompok kontrol hanya 55,78 (kategori cukup).

Kata Kunci: Model pembelajaran *project based learning*, literasi numerasi, minat belajar matematika.

ABSTRACT

Zega, Pretty Souvenir Zega, 212117062. The Effect of Project Based Learning (PjBL) Model on Numeracy Literacy and Students' Interest in Learning Mathematics. Thesis. Supervisor: Yakin Niat Telaumbanua, M.Pd.

This research is based on the results of a preliminary study conducted by the researcher at SMP Negeri 2 Lotu, which found several problems, namely (1) the low numeracy literacy skills of students, due to the lack of variation in the learning models used by teachers, and (2) the low interest in learning mathematics among students. The purpose of this study is to determine: (1) the effect of the project based learning model on students' numeracy literacy, and (2) the effect of the project based learning model on students' interest in learning mathematics. This research is a quantitative study using a quasi-experimental method with a nonequivalent control group design. The population in this study was all seventh-grade students, and the sample consisted of two classes: class VII-A as the experimental class and VII-B as the control class. The research instruments used were tests and questionnaires. The results of the study showed that: (1) The numeracy literacy result obtained a t_{hitung} value of 9.849 and t_{tabel} value of 2.017, because $t_{hitung} > t_{tabel}$, H_0 is rejected and H_1 is accepted. (2) The result for students' learning interest obtained a t_{hitung} value of 20.753 and t_{tabel} value of 2.017, because $t_{hitung} > t_{tabel}$, H_0 is rejected and H_1 is accepted. It can be concluded that: (1) The project based learning model had a significant effect on students' numeracy literacy. This is shown by the post-test average score of the experimental group being 78 (high category), which is higher than the control group's score of 63,56 (moderate category). (2) The project based learning model also had a significant effect on students' interest in learning mathematics. The average score of the learning interest questionnaire in the experimental group reached 89,40 (very high category), while the control group only reached 55,78 (moderate category).

Keywords: Project based learning model, numeracy literacy, interest in learning mathematics.