

**PENGARUH MODEL PjBL BERBANTUAN MINIATUR
BENCANA ALAM TERHADAP LITERASI MITIGASI BENCANA
SISWA SEKOLAH DASAR KELAS V GUGUS BUDI UTOMO**

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ABSTRAK

Rendahnya literasi mitigasi bencana siswa sekolah dasar ditunjukkan melalui kurangnya pemahaman terhadap jenis bencana, simbol evakuasi, dan langkah mitigasi yang tepat. Penelitian ini bertujuan untuk menganalisis pengaruh model *Project Based Learning* (PjBL) berbantuan miniatur bencana terhadap literasi mitigasi bencana siswa kelas V sekolah dasar. Jenis penelitian yang digunakan adalah kuantitatif dengan metode eksperimen murni menggunakan desain *Nonequivalent Posttest Only Control Group Design*. Sampel penelitian berjumlah 68 siswa yang terbagi menjadi kelompok eksperimen dan kelompok kontrol. Instrumen yang digunakan berupa tes literasi mitigasi bencana yang telah diuji validitas dan reliabilitasnya. Data dianalisis menggunakan uji-t dua sampel independen setelah memenuhi uji prasyarat analisis. Hasil uji-t menunjukkan bahwa nilai t hitung sebesar 7,570 lebih besar daripada t tabel sebesar 2,004 pada taraf signifikansi 5% ($7,570 > 2,004$), sehingga H_0 ditolak dan H_1 diterima. Hasil tersebut menunjukkan bahwa model *Project Based Learning* berbantuan miniatur bencana berpengaruh positif dan signifikan terhadap literasi mitigasi bencana siswa kelas V sekolah dasar. Temuan ini mengindikasikan bahwa penerapan pembelajaran yang kontekstual dan berbasis proyek dapat meningkatkan pemahaman siswa dalam mitigasi bencana sejak dini.

Kata Kunci: *Project Based Learning*, literasi mitigasi bencana, miniatur bencana, siswa sekolah dasar

***THE EFFECT OF PROJECT- BASED LEARNING ASSISTED BY
DISASTER MINIATURES ON DISASTER MITIGATION LITERACY OF
FIFTH GRADE ELEMENTARY SCHOOL IN BUDI UTOMO CLUSTER***

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ABSTRACT

The low level of disaster mitigation literacy among elementary school students is indicated by their limited understanding of disaster types, evacuation symbols, and appropriate mitigation measures. This study aims to analyze the effect of the Project Based Learning (PjBL) model assisted by disaster miniatures on the disaster mitigation literacy of fifth-grade elementary school students. This research employed a quantitative approach with a true experimental method using a Nonequivalent Posttest Only Control Group Design. The sample consisted of 68 students divided into an experimental group and a control group. The research instrument used was a disaster mitigation literacy test that had been validated and tested for reliability. The data were analyzed using an independent samples t-test after fulfilling the prerequisite tests. The results of the t-test showed that the calculated t-value (7.570) was greater than the t-table value (2.004) at a 5% significance level ($7.570 > 2.004$), indicating that H_0 was rejected and H_1 was accepted. These findings indicate that the Project Based Learning model assisted by disaster miniatures has a positive and significant effect on the disaster mitigation literacy of fifth-grade elementary school students. This suggests that the implementation of contextual and project-based learning can enhance students' understanding of disaster mitigation from an early age.

Keywords: Project Based Learning, disaster mitigation literacy, disaster miniatures, elementary school students