

PENGARUH PENGGUNAAN MEDIA *PUZZLE* HIMAWARI TERHADAP *CRITICAL THINKING SKILL MATHEMATICS*

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ABSTRAK

Berdasarkan hasil penelitian yang dilakukan di SDN Kondangjaya III Kec. Karawang Timur, bahwa media pembelajaran yang digunakan saat pembelajaran saatitu hanya sebatas papan tulis, alat tulis laiinya seperti buku yang sebagai sumber utama mengajar, serta terpusat hanya pada guru semata. Guru masih kesulitan mengembangkan materi pecahan dan kemampuan berpikir kritis siswa serta mengaitkan pembelajaran karena pembelajaran bertema. Tujuan dari penelitian ini adalah Untuk mengetahui ada perbedaan *critical thinking skill mathematic* siswa yang belajar menggunakan media *puzzle* himawari dibandingkan siswa yang tanpa menggunakan media *puzzle* himawari. Penelitian ini adalah peneitian eksperimen dengan metode penelitian kuantitatif. Desain yang digunakan adalah *nonequivalent control group*. Populasi penelitian ini adalah seluruh siswa kelas III SDN Kondangjaya III, dengan sampel kelas III A sebagai kelas eksperimen dan kelas III E sebagai kelas kontrol. Teknik yang digunakan dalam penelitian ini berupa tes esai. Uji instrumennya dengan perhitungan *product moment* dan *alpha cronbanch*. Teknik analisis data menggunakan uji normalitas, uji homogenitas, dan uji hipotesis. Uji hipotesisnya adalah uji-t. Hasil uji validitas tes esai *critical thinking skill mathematic* diperoleh 10 butir soal yang diujicobakan. Hasil reliabilitas diperoleh $r_{11} 0,947$. Hasil penelitian menunjukkan terdapat perbedaan *critical thinking skill mathematic* dengan menggunakan media *puzzle* himawari daripada yang tidak menggunakan media *puzzle* himawari. Hal ini terlihat dari hasil uji-t. Rata-rata nilai kelas eksperimen sebesar 80,466 dengan yang diperoleh $0,000 \leq 0,05$ dengan signifikans 0,05 dan $n=30$ menunjukkan hipotesis diterima. Dari hasil penelitian ini dapat disimpulkan bahwa *critical thinking skill mathematic* pada materi pecahan dengan media *puzzle* himawari memiliki hubungan yang kuat.

Kata kunci: *puzzle* himawari, *critical thinking skill*

THE EFFECT OF USE OF PUZZLE MEDIA HIMAWARI ON CRITICAL THINKING SKILL MATHEMATICS

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ABSTRACT

Based on the results of research conducted at SDN Kondangjaya III Kec. East Karawang, that the learning media used at the time of learning are only limited to the blackboard, other writing instruments such as books which are the main source of teaching, and are focused only on the teacher. Teachers are still having difficulty developing fractions and students' critical thinking skills and linking learning to themed learning. The purpose of this study is to find out there are differences in mathematic critical thinking skills of students who learn to use himawari puzzle media compared to students who do not use himawari puzzle media. This research is a research experiment with quantitative research methods. The design used is nonequivalent control group. The population of this study was all third grade students of SDN Kondangjaya III, with samples of class III A as the experimental class and class III E as the control class. The technique used in this study is an essay test. Test the instrument with the product moment calculation and alpha cronbach. The data analysis technique uses the normality test, homogeneity test, and hypothesis testing. The hypothesis test is the t-test. The results of the validity test of the critical thinking mathematic skill essay test were obtained 10 items that were tested. Reliability results were obtained $r_{11} = 0.947$. The results showed that there were differences in mathematical critical thinking skills using himawari puzzle media rather than those who did not use himawari puzzle media. This can be seen from the results of the t-test. The average value of the experimental class is 80.466 with the obtained pretest value 0.063 and posttest 0.000 with a significance of 0.05 and $n = 30$ indicating the hypothesis is accepted. From the results of this study it can be concluded that critical thinking mathematic skills in fraction material with himawari puzzle media has a strong relationship.

Keywords: himawari puzzle, critical thinking skills