

ABSTRAK

PENGARUH MEDIA PAPAN PINTAR TERHADAP KECERDASAN LOGIKA MATEMATIKA ANAK USIA 5-6 TAHUN DI TK PKK CANDI REJO

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Masalah dalam penelitian ini yaitu kecerdasan logika matematika anak usia 5-6 tahun belum berkembang secara maksimal. Penelitian ini bertujuan untuk mengetahui pengaruh media papan pintar terhadap kecerdasan logika matematika anak usia 5-6 tahun. Penelitian ini menggunakan jenis penelitian kuantitatif dengan metode quasi eksperimen semu dengan desain *Pretest-Posttest Control Group Design*. Teknik pengumpulan data yang digunakan dalam penelitian ini adalah observasi. Teknik analisis data dilakukan melalui uji hipotesis, kemudian dilanjutkan dengan uji statistik non-parametrik menggunakan uji *wilcoxon Signed Rank Test* serta uji *Mann-Whitney*. Berdasarkan hasil uji *Mann-Whitney* diperoleh nilai signifikansi sebesar $0,000 < 0,05$ menunjukkan bahwa terdapat perbedaan yang signifikan antara hasil *posttest* kelas eksperimen dan kelas kontrol. Nilai *mean rank* kelas eksperimen lebih tinggi dibandingkan kelas kontrol. Hasil uji hipotesis menggunakan uji *Wilcoxon* menunjukkan nilai signifikansi sebesar $0,000$ ($p < 0,05$) H_0 penelitian diterima yang berarti terdapat pengaruh yang signifikan antara media papan pintar terhadap kecerdasan logika matematika anak usia 5-6 tahun.

Kata Kunci: Media papan pintar, kecerdasan logika matematika, anak usia dini

ABSTRACT

THE EFFECT OF SMART BOARD MEDIA ON THE MATHEMATICAL LOGIC INTELLIGENCE OF CHILDREN AGED 5-6 YEARS IN TK PKK CANDI REJO

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The problem in this study is that the mathematical logic intelligence of children aged 5-6 years has not developed optimally. This study aims to determine the influence of smart board media on the mathematical logic intelligence of children aged 5–6 years. This study uses a type of quantitative research with a quasi-experimental method with *a Pretest–Posttest Control Group Design*. The data collection technique used in this study is observation. The data analysis technique was carried out through a hypothesis test, then followed by a non-parametric statistical test using *the Wilcoxon Signed Rank Test* and the Mann-Whitney *test*. Based on the results of *the Mann-Whitney test*, a significance value of $0.000 < 0.05$ was obtained, indicating that there was a significant difference between the results of *the posttest* of the experimental class and the control class. The *mean rank value of the experimental class* is higher than that of the control class. The results of the hypothesis test using *the Wilcoxon test* showed a significance value of 0.000 ($p < 0.05$) H_a The study was accepted, which means that there is a significant influence between smart board media on the mathematical logic intelligence of children aged 5–6 years.

Keywords: Smart board media, mathematical logic intelligence, early childhood