

ABSTRACT

Nurul Awwalina Uswatul Fauziah, 2023. "**The Effect of Experimental Methods on the Cognitive Development of Group A RA Muslimat Islamiyah Wangun Children**". Lamongan Islamic University Thesis.

This study entitled "the effect of the experimental method on the cognitive development of children in the A RA Muslimat Islamiyah Wangun group". Cognitive development is the ability contained in children to think complexly so that they can solve a problem, with this cognitive ability it can make it easier for children to master knowledge in their daily lives. It is known that the average level of cognitive development among children in RA Muslimat Islamiyah Wangun in group A is still low. So we as teachers must use interesting ways to improve cognitive development in children such as through learning using the Experimental Method because it is one of the learning methods that can help in the process of cognitive development in children. This study aims to determine the effect of the experimental method on cognitive development in children in the A RA Muslimat Islamiyah Wangun group. This study used a quantitative approach with the experimental method of one group pre-test post-test. The data analysis technique in this study used the Paired sample test. This research was conducted for 4 weeks, namely 1 week pre-test, 2 weeks treatment and 1 week post-test. From the results of the study, the pre-test score was 5.60 scores and the post-test was 14.80 scores. Based on the value of $T_{count} > T_{table}$, it shows that there is a difference between the results of the pre-test and post-test where the results of the post-test are higher than the pre-test. And also proven through hypothesis testing through the Paired sample test using SPSS 26 which shows a Sig of 0.00 which is less than 0.05 so H_0 is rejected H_a is accepted.

Keywords: Cognitive Development, Experimental Methods, Early Childhood

ABSTRAK

Nurul Awwalina Uswatul Fauziah, 2023. “**Pengaruh Metode Eksperimen Terhadap Perkembangan Kognitif Anak Kelompok A RA Muslimat Islamiyah Wangun**”. Skripsi Universitas Islam Lamongan.

Penelitian ini berjudul “ pengaruh metode eksperimen terhadap perkembangan kognitif anak kelompok A RA Muslimat Islamiyah Wangun ”. Penelitian ini dilatarbelakangi oleh rendahnya perkembangan kognitif pada anak kelompok A RA Muslimat Islamiyah Wangun. Tujuan pada penelitian ini untuk meningkatkan perkembangan kognitif pada anak kelompok A RA Muslimat Islamiyah Wangun. Mengingat pentingnya perkembangan kognitif pada anak sejak usia dini dan bagi kehidupan anak dimasa yang akan mendatang. Penelitian ini menggunakan metode kuantitatif dengan jenis penelitian one group pre test post test. Teknik analisis data dalam penelitian ini menggunakan *Paired sample test* yang bertujuan untuk mengetahui pengaruh metode eksperimen terhadap perkembangan kognitif pada anak kelompok A RA Muslimat Islamiyah Wangun. Sampel dalam penelitian ini yaitu seluruh siswa anak kelompok A RA Muslimat Islamiyah Wangun yang berjumlah 10 anak. Penelitian ini dilaksanakan selama 4 minggu yaitu 1 minggu pre-test, 2 minggu treatment dan 1 minggu post test. Dari hasil penelitian tersebut skor pre test 5.60 skor dan post test 14.80 skor. Berdasarkan nilai T hitung > T table menunjukkan adanya perbedaan antara hasil pre test dan post test dimana hasil post test lebih tinggi daripada pre test. Dan juga dibuktikan melalui uji hipotesis melalui uji *Paired sample test* menggunakan SPSS 26 yang menunjukkan Sig 0,00 dimana kurang dari 0,05 sehingga Ho ditolak Ha diterima.

Kata Kunci : Perkembangan Kognitif, Metode Eksperimen, Anak Usia Dini