

## ABSTRAK

Mariastuti Wulandari. K5115043. **PENGARUH PENGGUNAAN MULTIMEDIA INTERAKTIF TERHADAP PENINGKATAN PRESTASI BELAJAR MATEMATIKA ANAK TUNARUNGU KELAS V DI SLB B PAWESTRI KARANGANYAR TAHUN PELAJARAN 2018/2019**. Skripsi, Surakarta : Fakultas Keguruan dan Ilmu Pendidikan Universitas Sebelas Maret Surakarta, April 2019.

Penelitian ini bertujuan untuk mengetahui pengaruh penggunaan multimedia interaktif terhadap peningkatan prestasi belajar matematika anak tunarungu kelas V di SLB B Pawestri Karanganyar tahun pelajaran 2018/2019.

Penelitian ini menggunakan pendekatan kuantitatif eksperimen dengan desain *one groups pretest-posttest design*. Subjek yang digunakan dalam penelitian berjumlah tujuh anak tunarungu kelas V di SLB B Pawestri Karanganyar. Pengumpulan data menggunakan tes objektif pilihan ganda. Analisis data menggunakan *statistic non-parametric uji Wilcoxon Sign Rank Test* dengan bantuan *software SPSS 22*.

Hasil analisis data deskriptif diperoleh nilai rata-rata *pretest* sebesar 58,93 dan *posttest* 94,64. Hasil analisis *statistic non-parametric* dengan uji *Wilcoxon Sign Rank Test* diperoleh nilai  $Z_{hitung} = -2.392$  dengan *Asymp Sig. (2-tailed) = 0,017* lebih kecil dari taraf signifikansi yang telah ditentukan atau  $0,017 < 0,05$  sehingga hipotesis alternatif diterima dan hipotesis nihil ditolak. Berdasarkan hasil analisis penelitian tersebut diperoleh kesimpulan bahwa penggunaan multimedia interaktif berpengaruh terhadap peningkatan prestasi belajar matematika anak tunarungu kelas V di SLB B Pawestri Karanganyar tahun pelajaran 2018/2019.

**Kata Kunci** : pengaruh, multimedia interaktif, prestasi belajar matematika, anak tunarungu

## **ABSTRACT**

Mariastuti Wulandari. K5115043. ***THE INFLUENCE OF USING INTERACTIVE MULTIMEDIA ON THE IMPROVEMENT OF MATHEMATICS LEARNING ACHIEVEMENT OF CHILDREN WITH HEARING IMPAIRMENT IN FIFTH GRADE AT SLB B PAWESTRI KARANGANYAR 2018/2019 ACADEMIC YEAR.*** Skripsi, Surakarta : Faculty of Teacher Training and Education, Sebelas Maret University Surakarta, April 2019.

*This research aims to determine the influence of using interactive multimedia on the improvement mathematics learning achievement of children with hearing impairment in fifth grade at SLB B Pawestri Karanganyar 2018/2019 academic year.*

*This research uses an experimental quantitative approach with the design of one groups pretest-posttest design. The subjects in this research is seven children with hearing impairment in fifth grade at SLB B Pawestri Karanganyar. Data is collected using a multiple choice objective tests. Data analyzed using non-parametric statistics through Wilcoxon Sign Rank Test with help of SPSS 22 software.*

*Based on the analysis of descriptive data obtained the average score as much as 58,93 in the pretest and 94,64 in the posttest. The non-parametric statistics results of Wilcoxon Sign Rank Test note that the value of Z values = -2.392 with Asymp Sig (2-tailed) = 0,017 is smaller than a predetermined significance level or  $0,017 < 0,05$ , so the alternative hypothesis works and the null hypothesis is rejected. Based on the analysis result of this research we can conclude that the use of interactive multimedia influenced on the improvement of mathematics learning achievement of children with hearing impairment in fifth grade at SLB B Pawestri Karanganyar 2018/2019 academic year.*

**Keywords :** *The Influencing, interactive multimedia, mathematics learning achievement, children with hearing impairment*