

**MEASURING CHANGES IN ACADEMIC ACHIEVEMENT FOLLOWING
THE USAGE OF THE EDULINK SYSTEM IN CHILDREN WITH
AUDITORY PROCESSING DISORDER**

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ABSTRACT

This study was done to measure the changes in academic achievement following the use of Edulink, an FM system, among children with Central Auditory Processing Disorder (CAPD). A total of 28 students from a primary school in Kuala Lumpur were involved in this study. 12 of them were Standard 2 students with age ranging from 8 to 8 years 11 months old. They were divided into 2 groups, the experimental and control group. The experimental group students were fitted with Edulink during school hours for 39 days while the control group students were not fitted with the device. The data of the academic improvements were collected using 2 tests which are 'Instrumen Penentu Penguasaan 3M (IPP3M) and the Middle and Final Year School Examination. The scores were obtained twice, before and after the Edulink usage. The changes in the scores and marks were measured and compared between the experimental and control group for both tests and ages. Results showed that there were positive improvements displayed in the tests results which indicated that the academic performance of the student had increased. However, there were no significant difference in the improvement scores between the experimental and control group for all skills statistically. Overall, the results indicated that Edulink did not affect the student's academic achievement significantly. However, it is important to remember that there were many confounding factors that may have affected the results of this study such as the small sample size, the short period of Edulink usage and the difficulty of the tests used in this study.

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