The Effect of SignWriting on the Achievement and Vocabulary Acquiring for Deaf Student at Al Amal School for Deaf in Amman City

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ABSTRACT

The purpose of this study was to investigate the effect of SignWriting on academic achievement and vocabulary acquiring for deaf students at Al amal school for deaf in Amman city. To achieve this goal, the researcher developed and applied a training program by using SignWriting lesson which created by Valerie Sutton, to teach SignWriting for deaf students at the fifth grade at Al amal school for deaf in Amman city, and to teach them a selected part of science book from the second semester.

The study was conducted at a purposive sample contained of 32 male and female students from the 5th grade , the were divided into two groups, one of them was randomly assignment as an experimental group which contain 15 students (10 male ,5 female) , the second was a control group which contain 17students (11 male, 6 female). Two tools used to collect the data, the first was a multiple choice test which was built according characteristics table, the validity and reliability for this tool was verified. The second tool was a list of vocabulary that was selected randomly from the science lessons, validity and reliability for this tool was verified. The two tools were conducted as pre and post test for the two groups .The data were analyzed by using (ANCOVA).

The results of the study were indicated to significantly differences between the two groups in favor of experimental groups in achievement and vocabulary. Also, the findings showed effect to the interaction between the group and gender in vocabulary . The study recommended making more studies about SignWriting and expands the samples and the ages.