

**‘Specialization in ICTs and Special Education: Psychopedagogy of
Integration’
Postgraduate Program
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**DESIGN AND IMPLEMENTATION OF EDUCATIONAL SOFTWARE
FOR PHONOLOGICAL AWARENESS IN CHILDRESS WITH SPECIAL
LEARNING DIFFICULTIES**

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**POSTGRADUATE
THESIS**

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ABSTRACT

Nowadays there is a constant talk of new technologies. The computer is this technology, which has the most direct, easy and fast access.

This thesis is divided into two parts. The first part provides a bibliographic overview of contemporary issues related to phonological awareness. This raises a variety of issues such as what is reading and how it relates to phonological awareness. Also it suggested some activities for teaching phonological awareness. This part concludes with a bibliographical review of dyslexia and its association with phonological awareness.

The second part describes the phonological education software and the exercises (thirteen in total) designed by the researcher, based on modern theoretical concepts. It also describes the research as well as the intervention stage through the educational software.

The purpose of the research was twofold: an attempt was made to evaluate the use of software as a result of the teaching that was done, and secondly to find the strong and weak elements of the educational material in order to finalize such corrections.

According to the results of the research process, the software was successful in proportion to the goals set by the teacher. Through it all the points that needed further differentiation were revealed.

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