

**'Specialization in ICTs and Special Education: Psychopedagogy of Integration'  
Postgraduate Program Studies  
DEMOKRITUS UNIVERSITY OF THRACE Department of Hellenic Philology  
in collaboration with  
NCSR DEMOKRITOS Informatics and Telecommunications Institute**

**DEVELOPMENTAL COORDINATION DISORDER IN EARLY SCHOOL  
AGED  
CHILDREN: GENDER EFFECT – SCREENING VIA THE DEMOST-PRE  
BATTERY**

KONSTANTINIDOU MARIA - ATHANASIA

POSTGRADUATE  
THESIS

SUPERVISOR – COMMITTEE

1. ΚΑΜΠΑΣ ΑΝΤΩΝΗΣ ΚΑΘΗΓΗΤΗΣ ΤΕΦΑΑ ΔΠΘ
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«ΔΗΜΟΚΡΙΤΟΣ»
3. ΣΤΑΘΟΠΟΥΛΟΥ ΑΓΑΘΗ ΣΥΝΕΡΓΑΤΙΔΑ ΕΡΕΥΝΗΤΡΙΑ Ι.Π.Τ. Ε.Κ.Ε.Φ.Ε.  
«ΔΗΜΟΚΡΙΤΟΣ»

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## ABSTRACT

The purpose of this study was to ascertain the prevalence of DCD in Greek primary school children aged 6-7 years and, furthermore, to examine the effect of gender in the performance of early school aged children in the 9 tasks of the assessment tool “DEMOST – PRE”. The sample consisted of 91 children (n=91), 45 boys and 46 girls in Grade A, with a mean age of 86 months, who were students in public schools in the Prefecture of Attica. The assessment tool that was used during the measurements was the DEMOST – PRE assessment battery and the measurements took place within their school’s classroom for 2 consecutive weeks. From the statistical analysis of the results, it was observed that the gender effect is not statistically significant in the performance of the sample’s children except for the 6<sup>th</sup> test “Targeting with one hand”. In conclusion, regarding the identification of motor impairment on the sample’s children, it appeared that a fair amount of children face motor clumsiness and, moreover, the DEMOST – PRE assessment battery estimates children’s motor proficiency regardless of gender.

**KEY WORDS:** Motor development, motor coordination, movement assessment instrument, movement clumsiness, gender effect.

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