## 'Specialization in ICTs and Special Education: Psychopedagogy of Integration' Postgraduate Program DEMOCRITUS UNIVERSITY OF THRACE Department of Greek Philology in collaboration with NCSR DEMOKRITOS Informatics and Telecommunications Institute

## WORD DEFINITION ABILITY IN PEOPLE WITH INTELLECTUAL DISABILITY

VASILOUDI IOANNA

POSTGRADUATE THESIS

Komotini

2020

## **ABSTRACT**

This dissertation looks into the ability of students with mental retardation or intellectual disability to provide comprehensive word definitions. The ability to define words constitutes a complex ability which encompasses linguistic and meta-linguistic skills, an area in which these students present serious deficiencies. More specifically, we look into the type of definition these students seem to prefer as well as into the impact factors such as the part of speech of words to be defined and their semantic structure (specific and abstract words) have on the definitions produced. The definitions are examined according to their content and form. Besides, we compare the performance of students with mental retardation with one another but also with the performance of typically developing students of the same age so as to establish whether and to what extent the ability to define words is differentiated among the students with mental retardation and between the two peer groups.

The findings of the research point out that as far as the ability to provide concise word definitions is concerned the performance of students with mental retardation is lower than that of the typically developing students. Yet, if we compare students with mental retardation with one another, although in certain cases their diagnosis is identical, that is "mental retardation", their performance is significantly differentiated, a fact that reflects the presence of crucial individual differences. Thus, the importance descriptive evaluation holds for students with mental retardation is highlighted as it is this kind of assessment that can shed light on their deficiencies and special educational needs.

This study was carried out with a limited sample of students with mental retardation. Hence, it is not possible to generalize its findings in the population of students with mental retardation. However, it can instigate a similar study on a bigger scale, aiming at a more in-depth investigation and analysis of their linguistic abilities which can then form the basis for more efficient educational interventions.

**Keywords:** mental retardation, word definition, ability, performance, evaluation

## References

Al-Issa, I. (1969). The Development of Word Definition in Children. The Journal of Genetic Psychology: Research and Theory on Human Development, 114 (1), 25-28.

Benelli, B. (1988). If It Is a Dog, Can It Be an Animal? The Role of Metalinguistic Knowledge in the Acquisition of Linguistic Superordination. Journal of Psycholinguistic Research, 17 (3), 227-243.

Benelli, B., Arcuri, L., & Marchesini, G. (1988). Cognitive and linguistic factors in the development of word definitions. Child Language, 15, 619-635.

Benelli, B., Belacchi, C., Gini, G., & Lucangeli, D. (2006). "To define means to say what you know about things": the development of definitional skills as metalinguistic acquisition. Child Language, 33, 71-97.

Boat, F., T. & Wu, T., J. (Eds). (2015). Mental Disorders and Disabilities Among Low-Income Children. Washington, DC: The National Academies Press. Ανακτήθηκε Ιανουάριος 15, 2020 από https://www.ncbi.nlm.nih.gov/books/NBK332882/pdf/Bookshelf NBK332882.pdf

Charkova, D. K. (2005). Early Foreign Language and Metalinguistic Development: A Study of Monolingual, Bilingual and Trilingual Children on Noun Definition Tasks, In Cohen, J., McAlister. T. K., Rolstad, K., & MacSwan, J. (Eds.) Proceedings of the 4th International Symposium on Bilingualism (pp. 506-521). Somerville, MA: Cascadilla Press.

Delgado, M. H. (2008). El desarrollo de la competencia definicional: estudio con niños costarricenses. Revista Internacional de Lingüística Iberoamericana, 6 (1), 7-29.

Δούρου, Χ. (2019a). Σύγκριση της ικανότητας ορισμού των λέξεων ατόμων διαφορετικών ηλικιακών ομάδων. Αδημοσίευτη Διδακτορική Διατριβή, Δημοκρίτειο Πανεπιστήμιο Θράκης, Κομοτηνή, Ελλάδα.

Δούρου, X. (2019b). Η ικανότητα ορισμού λέξεων από μαθητές Δημοτικού. Kathedra of Byzantine and Modern Greek Studies, 4, 25-46.

Φιλιππάκη-Warburton, Ε. (1992). Εισαγωγή στη Θεωρητική Γλωσσολογία. Αθήνα: Νεφέλη.

Friedmann, N., Aram, D., & Novogrodsky, R. (2011). Definitions as a window to the acquisition of relative clauses. Applied Psycholinguistics, 32, 687-710.

Gandía, A. M. (2016). On Word Definition in Children and Adults: Effects of Word Category and Level of Abstraction. Doctoral Dissertation, Universitat de Barcelona, Spain.

Gavriilidou, Z. (2015). The development of noun, verb and adjective definitional awareness in Greek preschoolers. Journal of Applied Linguistics, 30, 68-81.

Gavriilidou, Z. (2011). The development of word definitions in Greek Preschoolers, In Chatzopoulou, K., Ioannidou A., & Yoon, S. (Eds.) Proceedings of the 9th I.C.G.L (pp. 88-96). Chicago, Illinois: University of Chicago.

Gini, G., Benelli, B., & Belacchi, C. (2004). Children's Definitional Skills and Their Relations With Metalinguistic Awareness and School Achievement. European Journal of School Psychology, 2 (1-2), 239-267.

Gutierrez-Clellen, F., V., & Decurtis, L. (1999). Word Definition Skills in Spanish-Speaking Children with Language Impairment. Communication Disorders Quarterly, 21 (1), 23-31.

Johnson, J. C., & Anglin, M. J. (1995). Qualitative Developments in the Content and Form of Childrens' Definitions. Journal of Speech and Hearing Research, 38, 612-629.

Jorgensen, C. J. (1990). Definitions as Theories of Word Meaning. Journal of Psycholinguistic Research, 19 (5), 293-316.

Heward, L. W. (2011). Παιδιά με ειδικές ανάγκες. Μία εισαγωγή στην Ειδική Εκπαίδευση. Αθήνα: Τόπος.

Κάκουρος, Ε. & Μανιαδάκη, Κ. (2006). Ψυχοπαθολογία παιδιών και εφήβων. Αναπτυξιακή προσέγγιση. Αθήνα: Τυπωθήτω, Γιώργος Δαρδανός. Kang, Y. J. (2013). Decontextualized language production in two languages: An investigation of children's word definition skills in Korean and English. *Applied Psycholinguistics*, *34*, 211-231.

Kikas, E., Männamaa, M., Kumari, V., & Ulst, T. (2008). The Relationships among Verbal Skills of Primary School Students with Specific Learning Disabilities and a Typically Developing Comparison Group. *International Journal of Disability, Development and Education*, *55* (4), 315-329.

Λεξικό της Κοινής Νεοελληνικής Γλώσσας (1998). Θεσσαλονίκη: Ίδρυμα Νεοελληνικών Σπουδών [Ίδρυμα Μανόλη Τριανταφυλλίδη].

Litowitz, B. (1977). Learning to make definitions. *Journal of Child Language*, *4* (2), 289-304.

Marinellie, A. S. (2010). Improving children's formal word definitions: A feasibility study. *Child Language Teaching and Therapy, 26* (1), 23-37.

Marinellie, A. S. (2009a). The Understanding of Word Definitions in School-Age Children. *Journal of Psycholinguistic Research*, *39*, 179-197.

Marinellie, A. S. (2009b). The content of children' definitions: The oral-written distinction. *Child Language Teaching and Therapy*, *25* (1), 89-102.

Marinellie, A. S., & Chan, Y. (2006). The Effect of Word Frequency on Noun and Verb Definitions: A Developmental Study. *Journal of Speech, Language and Hearing Research*, 49, 1001-1021.

Marinellie, A. S., & Johnson, J. C. (2004). Nouns and Verbs: A Comparison of Definitional Style. *Journal of Psycholinguistic Research*, 33 (3), 217-235.

Marinellie, A. S., & Johnson, J. C. (2003). Adjective Definitions and the Influence of Word Frequency. *Journal of Speech, Language and Hearing Research, 46,* 1061-1076.

Marinellie, A. S., & Johnson, J. C. (2002). Definitional skill in school-age children with specific language impairment. *Journal of Communication Disorders*, *35*, 241-259.

Markowitz, J., & Franz K. S. (1988). The development of defining style. *International Journal of Lexicography, 1* (3), 253-267.

Μπαμπινιώτης, Γ. (1998). Λεξικό της Νέας Ελληνικής Γλώσσας. Αθήνα: Κέντρο Λεξικολογίας Ε.Π.Ε.

Μότσιου, Ε. (2017). Εισαγωγή στην ανάπτυξη της γλώσσας. Θεσσαλονίκη: University Studio Press.

Νάκας, Θ. (2002). Πώς ορίζουν τα παιδιά τις λέξεις. Γλώσσα, 54, 80-88.

Nippold, M. (1995). School-Age Children and Adolescents: Norms for Word Definition. *Language, Speech and Hearing Services in Schools, 26,* 320-325.

Nippold, A. M., Hegel, L. S., Sohlberg, M. M., & Schwarz, E. I. (1999). Defining Abstract Entities: Development in Pre-Adolescents, Adolescents, and Young Adults. *Journal of Speech, Language and Hearing Research*, *42*, 473-481.

Λεξικό γλωσσολογικών όρων. Πύλη για την ελληνική γλώσσα. Ανακτήθηκε Μάρτιος 19, 2020, από http://www.greek-language.gr/greekLang/modern\_greek/tools/lexica/glossology/show.html?id=37

Παπαδάτος, Γ. (2010). Ψυχικές διαταραχές και μαθησιακές δυσκολίες παιδιών και εφήβων. Αθήνα: Gutenberg.

Πολυχρονοπούλου, Σ. (2013). Παιδιά και έφηβοι με ειδικές ανάγκες και δυνατότητες. Αθήνα: Αυτοέκδοση.

Rey, M. J. & Martin, A. (Eds). (2019). *JM Rey's IACAPAP e-Textbook of Child and Adolescent Mental Health*. Geneva: International Association for Child and Adolescent Psychiatry and Allied Professions. Ανακτήθηκε Ιανουάριος 14, 2020 από https://iacapap.org/iacapap-textbook-of-child-and-adolescent-mental-health/

Schalock, L. R., Luckasson, A. R. & Shogren, A. K. (2007). The Renaming of Mental Retardation: Understanding the Change to the Term Intellectual Disability. *Intellectual and Developmental Disabilities*, 45 (2), 116-124.

Snow, C. E. (1990). The development of definitional skill. *Journal of Child Language*, 17, 697-710.

Snow, C. E., Cancino, H., De Temple, J., & Schley, S. (1991). Giving formal definitions: A linguistic or metalinguistic skill? In E. Bialystok (Eds.), *Language processing in bilingual children* (pp. 90–112). Cambridge University Press.

Swartz, K., & Hall E., A. (1972). Development of Relational Concepts and Word Definition in Children Five through Eleven. *Child Development*, *43* (1), 239-244.

Tassé, J. M., Luckasson, R. & Schalock, L. R. (2016). The Relation Between Intellectual Functioning and Adaptive Behavior in the Diagnosis of Intellectual Disability. *Intellectual and Developmental Disabilities*, *54* (6), 381-390.

Thomas, D. & Woods, H. (2008). *Νοητική Καθυστέρηση. Θεωρία και Πράξη. Αθήνα:* Τόπος.

To, S. K. C., Stokes, S., Man, Y., & T'sou, B. (2012). An Analysis of Noun Definition in Cantonese. *Language and Speech*, *56* (1), 105-124.

Wehren, A., De Lisi, R., & Arnold, M. (1981). The development of noun definition. *Journal of Child Language*, *8*, 165-175.