

SAT-2G.307-2-ERI-15

UNIVERSAL DESIGN FOR LEARNING – AN EQUAL OPPORTUNITY TO SUCCEED ¹⁷

Assoc. Prof. Emiliya Velikova, PhD

Department of Mathematics
Faculty of Natural Sciences and Education
University of Ruse “Angel Kanchev”, Bulgaria
Tel.: +359-885 635 874
E-mail: evelikova@uni-ruse.bg

Pr. Assist. Prof. Ralitsa Vasileva-Ivanova, PhD

Department of Mathematics,
Faculty of Natural Sciences and Education
University of Ruse “Angel Kanchev”
Tel.: +359 884109719
E-mail: rivanova@uni-ruse.bg

Laimutė Ruzgienė, MSc

Headmaster of the Center of Education
Kaunas Region
Lithuania
Tel.: +370 332529, Mob. tel. +370 687 97229
E-mail: laima.ruzgiene@centras.krs.lt

Abstract: *The Universal Design for Learning (UDL) is a framework to improve and optimize teaching and learning for all people based on scientific insights into how humans learn. The paper presents research results on the Universal Design for Learning and its benefit for equity, diversity, and inclusion; the principles of UDL application and their applicability in marginalized classrooms; and reviews the main differences between traditional education and education based on UDL. The research was organized in the frame of the European Erasmus+ project MEDUS: Innovative educational approaches and practices for migrant pupils to maximize the effectiveness of their social inclusion and school performance 2021-1-LT01-KA220-SCH-000024051 <https://medus-project.eu/>. Information about the theoretical background and successful practices of developing professional competencies of teachers and special educational staff to create an inclusive academic, social, and emotional environment for migrant pupils is presented.*

Keywords: *Universal Design for Learning, Innovative Educational Approaches, Migrant Pupils, MEDUS.*

REFERENCES

1. 6 Steps to Planning UDL Lessons (+ 3 Teacher Stories!) (2016) 6 Steps to Planning UDL Lessons (+ 3 Teacher Stories!) - Brookes Blog ([brookespublishing.com](https://www.brookespublishing.com/)) [accessed on 12.03. 2023]
2. 10 Examples of UDL (Universal Design for Learning) To Understand It Better (2022) Programs & Activities, Tools & Resources 10 Examples Of UDL (Universal Design for Learning) To Understand It Better - Number Dyslexia [accessed on 04.03. 2023]
3. Art connects us (2022), MEDUS - Successful pathways to social, emotional and cognitive integration, <https://medus-project.eu/moodle/course/view.php?id=41> [accessed on 05.05.2023]
4. Carroll, J. (2022). 7 Universal Design for Learning Examples and Strategies for the Classroom 7 Universal Design for Learning Examples and Strategies for the Classroom | Texthelp [accessed on 02.03. 2023]

¹⁷ Докладът е представен на конференция на Русенския университет на 28 октомври 2023 г. в секция Образование – изследвания и иновации и номиниран за публикуване в Compiled edition of Reports Awarded with “Best Paper” Cristal Prize’23, as a hard copy (ISBN 978-954-712-864-4) and on-line on the Conference Website (<http://conf.uni-ruse.bg/bg/?cmd=dPage-&pid=bestPapers>).

5. Center for Applied Special Technology (2014). The Concept of UDL. Wakefield, MA: <http://www.udlcenter.org/aboutudl/whatisudl/conceptofudl> [accessed on 02.03. 2023]
6. Center for Applied Special Technology (2018). Universal Design for Learning Guidelines version 2.2. Retrieved from <http://udlguidelines.cast.org> [accessed on 02.03. 2023]
7. Georgieva, D. (2017). Forming mathematical skills through generating problems with the help of computer (in Bulgarian) Dissertation thesis, 185 pp.
8. History of Universal Design for Learning History of Universal Design for Learning - Universal Design for Learning (weebly.com) [accessed on 18.03. 2023]
9. Posey, A. Lesson planning with Universal Design for Learning (UDL) UDL Lesson Planning | Understood Understood [accessed on 22.03. 2023]
10. Scholl, A. (2023) 5 Examples of Universal Design for Learning in the Classroom 5 Examples of Universal Design for Learning in the Classroom (splashlearn.com) [accessed on 13.03. 2023]
11. Teaching resources about application of Universal Design for Learning <https://teaching-resources.delta.ncsu.edu/tag/universal-design-for-learning/> [accessed March 2023]
12. The difference between Universal Design for Learning (UDL) and traditional education <https://www.understood.org/en/articles/the-difference-between-universal-design-for-learning-udl-and-traditional-education> [accessed on 01.04.2023]
13. Universal Design for Learning: Principles and Examples for 2019 (2020) Universal Design for Learning: Principles and Examples for 2019 | Prodigy Education (prodigygame.com) [accessed on 05.03. 2023]
14. Vygotsky's Zone Of Proximal Development And Scaffolding <https://www.simplypsychology.org/vygotsky.html> [accessed on 16.03. 2023]
15. What Is Universal Design for Learning? A Guide for Teachers (2021) What Is Universal Design for Learning? A Guide for Teachers - UMass Global [accessed on 02.03. 2023]