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Out of the Classroom Lessons of Science and Social Studies

Extended summary

The paper offers a critical analysis of the basic characteristics, as well as didactic-methodological values and shortcomings of the out of the classroom lessons of Science and Social Studies. The goal of the analysis is to discover the possibilities that this type of teaching and learning provides in the operationalization of the goals and outcomes of the teaching content of this school subject and other teaching content, especially in terms of two types of classroom teaching: school in nature and ambiental teaching. Although these are two different types of educational work, both school in nature and ambiental teaching, if well-planned and professionally implemented, offer numerous opportunities in all phases of the teaching process. As out of the classroom teaching, in which all teaching principles find their complete fulfillment, implies a total abandonment of the established way of teaching and a great engagement on the part of the teacher, it is not implemented to a sufficient extent. This, of course, does not support the ultimate goal, which is the greater mental engagement of students as an indicator of quality teaching. Teaching outside the classroom gives students the opportunity to apply what they learned in class to a specific situation. Learning outside the classroom is a process that involves active learning based on the principle that experience is the best teacher. Students face new problems, try to solve them under given circumstances, form new assumptions, check them, and come to new knowledge more independently than usual. They interact with the world around them, but also with their peers. This type of teaching implies the use and acquisition of knowledge from different fields; therefore, it implies a comprehensive approach to the world around us and the integration of new sensory experiences, making this kind of lesson the most appropriate way of observing phenomena for students in

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the lower grades of primary school. Despite the fact that the organization of out of the classroom lessons implies many requirements of technical nature, the benefits that students have are manifold and much more work must be done to promote it. All over the world, people are becoming more and more aware of the necessity of returning to nature, especially if we take into account the situation caused by the corona virus pandemic.

Keywords: Science and Social Studies lessons, out of the clasroom lessons, ambiental lessons, school in nature

References

- A Brief History of Forest Schools Around The World. Retrieved September 6, 2021. from www: <https://www.growingwildforestschool.org/post/the-brief-history-heritage-of-forest-schools-around-the-world>.
- Andđelković, A., Mihajlović, N. (2012). Vanučionička nastava – mogućnost višestrukih promena u nastavi. *Metodička praksa*, 2, 237–250.
- Andđelković, S., Stanislavljević-Petrović, Z. (2013a). Učenje i poučavanje van učionice – ambijentalna nastava. *Nastava i vaspitanje*, 62 (1), 39–51.
- Andđelković, S., Stanislavljević-Petrović, Z. (2013b). Integrисана ambijentalna nastava u kontekstu reformskih procesa u školi. *Inovacije u nastavi*, 26 (2), 100–109.
- Bajić, M., Kozoderović, G. i Marić, M. (2020). Stavovi učitelja o primeni ambijentalne nastave u početnom ekološkom obrazovanju. *Zbornik radova Filozofskog fakulteta u Prištini*, 50 (4), 315–333.
- Dubljanin, S., Mihajlović, D. i Radović, V. Ž. (2019). Komparativna analiza modela nastave u prirodi u Srbiji i skandinavskim zemljama. *Teme*, 43 (1), 175–190.
- Herczeg, M., Winkler, T. & Ohlei, A. (2019). Ambient learning spaces for school education. *ICERI 2019 Proceedings*, 5116–5125.
- Komenski, J. A. (1997). *Velika didaktika*. Beograd: Zavod za udžbenike i nastavna sredstva.
- Mihajlović, D. (2012). Nastava u prirodi – iskustva i stavovi učitelja u Srbiji. [Teaching in nature – experiences and attitudes of teachers in Serbia]. *Norma*, 17 (2), 193–200.
- Mladenović, J., Golubović-Ilić, I. i Koprivica, M. (2015). Ambijentalna nastava prirode i društva. *Uzdanica*, 12 (2), 131–145.
- Nikolić, R. (2011). Mogućnosti škole u prirodi u socijalizaciji i suzbijanju nasilja u školi. U: Denić, S. (ur). *Škola u prirodi kao faktor socijalizacije i mogućnost suzbijanja nasilja* (31–43). Vranje: Učiteljski fakultet.
- Radivojević, D., Jelić, M. (2016). Izvanučionička nastava u nastavi prirode i društva. *Nova škola*, 11 (1), 235–250.
- Rickinson, M. et al. (2004). *A review of Research on Outdoor Learning*. National Foundation for Educational Research and King's College London. Retrieved May 20, 2017. from www: https://www.field-studies-council.org/media/268859/2004_a_review_of_research_on_outdoor_learning.pdf.

-
- Ristić, M., Blagdanić, S. (2017). Nove perspektive u obrazovanju – vanučionička nastava u digitalnom okruženju. *Inovacije u nastavi*, 30 (2), 1–14.
 - Yerkes, R. & Haras, K. (1997). *Outdoor Education and Environmental Responsibility*, Eric Digest: ERIC Clearinghouse on Rural Education and Small Schools. Retrieved September 23, 2021. from www: <https://eric.ed.gov/?id=ED414112>.
 - Zdravković, D., Stanojević, D. & Bogdanović, M. (2011). Mogućnosti škole u prevenciji nasilja u školama. U: Denić, S. (ur). *Škola u prirodi kao faktor socijalizacije i mogućnost suzbijanja nasilja* (120–133). Vranje: Učiteljski fakultet.
 - Zlatković, B. (2014). *Psihologija učenja i nastave*. Vranje: Učiteljski fakultet.