FORMING LIFE COMPETENCIES AND ENSURING THE ACQUISITION OF SUSTAINABLE DEVELOPMENT GOALS IN THE PROCESS OF INTEGRATED LEARNING IN SECONDARY AND HIGHER EDUCATION (WITH THE EXAMPLE OF COURSES "FOREIGN LANGUAGE" AND "BIOLOGY")

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Key words: life competence, life skills, knowledge, attitude, goals of sustainable development, life-long learning, secondary education, higher education, Biology, Foreign Language, integrated learning.

The article is devoted to the study of possibilities of integrated training with the purpose of forming secondary and higher educational institutions students' life competencies and studying the goals of sustainable development in classes of Foreign Language (English) and Natural Sciences, in particular, Biology. The concept of Life competence, its structure, which consists of knowledge, attitudes and life skills, is explored; several framework documents that underlie the development of a competence-based approach to learning were studied, among those documents: the Recommendation of the European Parliament and the Council of the EU on "Key Competences for Lifelong Learning", 2006; Resolution of the UN General Assembly "Transforming our World: The 2030 Agenda for Sustainable Development for the period up to 2030", 2015; the Report "Global Assessment of Educational Programs for Life Skills Training", UNICEF, 2012; Guideline "The Cambridge Framework for Life Competencies", Cambridge, 2018, 2019; "Competence for Life", Atlas Corps, 2018, methodological materials of the IJPOOH project "Educational policy and peer-to-peer education in New Ukrainian school, and "Competent training, favorable for health, safety, successful socialization and self-realization of personality", 2018. It is revealed that the optimal variant of the formation of systemic knowledge of youth about the surrounding world, understanding processes and factors of influence on it and consequences for the planet and humanity, i.e. the formation of a system of life competences and understanding of the goals of sustainable development, is through the integration of training courses "Foreign Language" and "Biology", as well as other related sciences. Some topics are suggested as examples, like "Understanding the Sustainable Development Goals", "What's the Link Between Orang-Utans and the Food We Eat?" and others. Examples are given of forms of learning and teaching methods and learning activities, such as team and group work, research, critical thinking, creative writing, working with video clips, playing games, wall-crawl, presentations, peer assessment and others used to ensure the achievement of the set goal. The sources of educational materials and their combination and adaptation to the age and competency levels of the different stages of education have been suggested.

References

- 1. In Ovcharuk, O. (Ed.) (2004). Kompetentnisnyi pidkhid u suchasnii osviti : svitovyi dosvid ta ukrainski perspektyvy: biblioteka z osvitnoi polityky [Competency Approach in Modern Education: World Experience and Ukrainian Perspectives : Library for Educational Policy]. Kyiv, K.I.C Publ., 112 p. (In Ukrainian).
- 2. Maister-klas "Rozvytok navychok kreatyvnoho myslennia, kreatyvne pysmo; metod "wall crawl", robota v malykh hrupakh" [Workshop "Development of creative thinking skills; creative writing; the method of "wall crawl"; work in small groups] Available at: http://duan.edu.ua/uk/news/education_and_science/majster-klas-rozvitok-navichok-kreativnogo-mislennja-kreativne-pismo-metod-wall-crawl-robota-v-malih-grupah (accessed 4 May 2019) (in Ukrainian).
- 3. Nova ukrainska shkola. Kompetentnisne navchannia, spryiatlyve dlia zdorovia, bezpeky, uspishnoi sotsializatsii i samorealizatsii osobystosti (2018). [New Ukrainian School. Competent training, favorable for health, safety, successful socialization and self-realization of personality], 58 p. Available at: http://autta.org.ua/files/files/%CA%EE%EC%E F%E5%F2%E5%ED%F2%B3%F1%ED%E5%20%ED%E0%E2%F7%E0%ED%ED%FF%20%E2%20%EA%EE%ED%F2%E5%EA%F1%F2%B3%20%CD%D3%D8.pdf (accessed 4 May 2019) (in Ukrainian).
- 4. Trachuk, T. (2013). Formuvannia zhyttievykh kompetentnostei maibutnikh fakhivtsiv pid chas vyvchennia matematychnykh dystsyplin [Formation of life competencies of future

specialists during the study of mathematical disciplines]. Naukovyi visnyk Skhidnoievropeiskoho natsionalnoho universytetu imeni Lesi Ukrainky [Scientific herald of the Lesia Ukrainka Eastern European National University], issue 7, pp. 154-159 (in Ukrainian).

- 5. Atlas Corp. (2018). Competences for Life. Available at: https://atlascorps.org/competences-for-life/ (accessed 3 May 2019).
- 6. Cambridge (2018). The Cambridge Framework for Life Competencies. Introduction. Introductory Guide for Teachers and Educational Managers, Cambridge University Press. Available at: https://languageresearch.cambridge.org/images/Language_Research/CamFLiC/CamFLiC_Intro_brochure.pdf (accessed 4 May 2019).
- 7. Council of the European Union (2018). Recommendations Council, Council Recommendation of 22 May 2018 on Key Competences for Lifelong Learning (Text with EEA relevance) (2018/C 189/01). Official Journal of the European Union. Available at: https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32018H0604(01)&rid=7 (accessed 4 May 2019).
- 8. Davidson, R. & Glassner, A. (2016). Cross-Border Collaborative Learning in the Professional Development of Teachers: Case Study Online Course for the Professional Development of Teachers in a Digital Age. Handbook of Research on Technology Tools for Real-World Skill Development, 31 p., DOI: 10.4018/978-1-4666-9441-5.ch021
- 9. Global Evaluation of Life Skills Education Programmes (2012). United Nations Children's Fund. New York. 24 p.
- 10. National Geographic. Video. National Geographic ~ Ami Vitale Panda Suit Short. Available at: https://vimeo.com/276533120 (accessed 10 April 2019).
- 11. National Geographic. Video. Pandas 3D The Journey Home. Available at: https://vimeo.com/84807789 (accessed 10 April 2019).
- 12. National Geographic. Video. Pandas Gone Wild. Available at: https://vimeo.com/208697637 (accessed 10 April 2019).
- 13. UNICEF (2003). Life skills. Definition of Terms. Available at: https://www.unicef.org/lifeskills/index_7308.html (accessed 4 May 2019).
- 14. United Nations (2015). Transforming our World: The 2030 Agenda for Sustainable Development. Available at: https://sustainabledevelopment.un.org/post2015/transformingourworld/publication (accessed 04 May 2019).
- 15. United Nations (2015). Sustainable Development Goals. Available at: https://www.un.org/sustainabledevelopment/sustainable-development-goals/ (accessed 04 May 2019).
- 16. WWF (2018). Reporting on Our Living Planet. A Guide For Young People, Available at: https://www.wwf.org.uk/get-involved/schools/resources/lpr-school-comp (accessed 4 May 2019).

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