statistical research showing the positive link between health and exercise in relation to student learning and achievement.

In other words, the brain is only as healthy as the body that carries it; therefore, health and physical education are an integral part of the learning process.

Quote: "Physical fitness is not only one of the most important keys to a healthy body, it is the basis of dynamic and creative intellectual activity." – John F. Kennedy [4].

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STEM EDUCATION WITHIN THE SYSTEM OF OLYMPIC EDUCATION FOR SECONDARY SCHOOL STUDENTS

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Annotation. The article is devoted to today's actual problem - the use of advanced technologies in the educational process. The content of the concept of STEM education is revealed and it is considered as an innovative technology in the implementation of Olympic education in institutions of general secondary education.

Keywords: STEM education, Olympic education, schoolchildren.

Relevance of the research topic. The urgent need of the 21st century is the formation of such a way of life, which would form the basis of the long-term frugal development of humanity. That is what a sustainable society is, which persists throughout the life of many generations and is characterized by foresight, flexibility and wisdom, which does not destroy its physical or social systems of life support.

The goal of education for sustainable development is the formation of thinking oriented towards a sustainable future and the corresponding meaningful values and priorities. The priority areas of education for sustainable development are:

- fostering a culture of reasonable consumption of energy and water, reducing the useless consumption of raw materials, the amount of waste;
- introduction of principles, norms and values of environmental ethics and ethics of responsibility;
- development of the spiritual potential of the individual on the basis of personality-oriented pedagogy;
- development of the information culture of the individual, the foundations of critical thinking and media literacy;
- introduction of norms of interpersonal and intercultural interaction based on the principles of multiculturalism and tolerance;
- development of the legal culture of the individual, the foundations of citizenship;
- formation of a culture of adolescent health based on understanding the unity of nature and man, the dependence of human health on the state of the environment.

The implementation of the tasks facing national education and the transition to innovative education of the European level involves the training of a new generation of specialists capable of modern conditions of social mobility, the assimilation of advanced technologies.

The aim of the study. Determining the place and role of STEM education in the system of Olympic education of schoolchildren.

Research methods. Analysis of scientific literature and documentary materials.

Research results. The acronym STEM (from the English Science – natural sciences, Technology – technologies, Engineering – engineering, design, design, Mathematics – mathematics)

defines the characteristic features of the corresponding didactics, the essence of which is manifested in a combination of interdisciplinary practice-oriented approaches to the study of natural mathematics [1].

At the same time, creative, artistic disciplines are actively included in STEM education, united by the general term Arts (the designation of the corresponding approach is STEM and Arts). Actual STEM and Arts areas are industrial design, architecture, industrial aesthetics.

An analysis of literary sources showed that as a result of teaching the term "STEM education": STEM education is a new method of teaching students; initial plan, foundations on the idea of educating young people and from the stagnation interdisciplinary and applied approaches. One of the main directions and advantages of these programs are: the promotion of scientific and technical knowledge in the Rada of Life; development of critical thinking skills and the solution of problems; the development of self-assurance in one's own strength; creative and innovative approaches to projects [3]; The STEM education system is one of the areas of innovative development of natural and mathematical education. Thanks to that, children develop logical thinking and technical literacy, learn to solve problems, become innovators, inventors [5]; STEM-education (S - science, T - technology, E - engineering, M - mathematics) - natural sciences, technology, engineering, mathematics - an education system that stimulates the acquisition of knowledge and skills in technological scientific areas, allowing you to participate in the largest innovative international competitions and olympiads such MATHCOUNTS, Science olympiads and FIRST Robotics. Education aimed at supporting creativity and innovative skills [2].

Education for sustainable development covers the environmental, economic and social issues of education and upbringing from the point of view of the formation of a new system of value orientations and behavior patterns of the younger generation and society as a whole.

STEM-education is based on a competency-based approach and promotes the formation of skills of cooperation, communication, critical thinking and the development of creative natural abilities and involves the creation of conditions for a balanced harmonic science-oriented education based on the modernization of the natural and humanitarian profiles of education.

The main key competencies of the concept of the "New Ukrainian School", namely: communication in the state and foreign languages, mathematical literacy, competencies in natural sciences and technologies, information and digital literacy, the ability to learn throughout life, social and civic competencies, entrepreneurship, general cultural, environmental literacy and healthy life, harmoniously included in the STEM education system, creating the basis for successful self-realization of the individual both as a specialist and as a citizen [4].

The idea of STEAM education is to provide students with the opportunity to join their own creative search in the discovery of new knowledge, try themselves as a researcher, touch the world of serious science. However, on this path there is a problem of using sources of knowledge and information resources from different areas.

- The algorithm for the implementation of Stem-education in the system of Olympic education can be represented as follows:
 - use of the online environment;
 - introduction of binary lessons, Stem-practices;
- search for like-minded people, involvement of parents and representatives of different spheres of culture, science, art, sports;
 - the discovery of the significance of Stem.

Today, there is a rapidly growing need all over the world to ensure the fullest possible access of a wide range of users to information resources that reflect their mental specifics, the cultural heritage of countries, the history of the formation of a nation in geopolitical processes. This is facilitated by the use of an online environment that allows the use of computer skills (Internet lessons, distance learning, online communication); use of gadgets (fitness trackers, smart bracelets, sports equipment); search, review and processing of heterogeneous information resources.

Familiarization of students with a tool for searching, reviewing and processing heterogeneous information resources collected on the basis of intellectual services contributes to the development of thinking, analytical abilities and certain practical skills, and stimulates scientific activity.

Such a tool in the system of Olympic education can be the creation of electronic archival documents related to the life, achievements and activities of the champions and prize-winners of the Olympic Games; history of the Olympic movement and Olympic

sports. A network interactive knowledge system in the form of a registry ensures their constant replenishment.

The second step of STEM education is Stem practices implemented in the process of Olympic education. These include: binary and built-in lessons using Olympic knowledge; modules "Healthy lifestyle. Healthy eating", "Mental training" of the #OlympicLab project; investigation and research work of schoolchildren under the guidance of a teacher, the result of which may be the creation of school sports (Olympic) museums. STEM education gives good results in the process of teaching art disciplines. At the same time, each child involved in such education acquires technological literacy and problem-solving skills, which are key to creating their own design inventions.

The third step is the search for like-minded people, the involvement of parents and representatives of various fields of culture, science, art, and sports. Such relationship of the child promotes not only the replenishment and acquisition of new knowledge, but also communication, healthy active lifestyle skills, the formation of an aesthetic culture among schoolchildren, the desire to show their own talents and abilities necessary in everyday life.

Conclusions. Despite the fact that STEM education mainly concerns natural and mathematical education, it should be noted that its elements can be successfully applied in the process of Olympic education, since subject competencies of natural and mathematical disciplines are essential for playing sports. The step-by-step introduction of STEM education leads to the fact that the child acquires stability in defending his/her position, understanding other points of view in the process of discussion, knowledge for solving practical problems of the real world.

The use of acquired knowledge in everyday life to achieve the goal in future professional activities is the task of Stem education.

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UNDERSTANDING THE OBSTACLES FACED BY UKRAINIAN REFUGEES IN THE UNITED KINGDOM

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Annotation. In the article we try to present and describe the most common difficulties Ukrainian refugees are facing after arriving in the UK under the Government Scheme and the possible ways of solving them.

Keywords: refugees, guests, hosts, problems.

It's been almost a year since Russia launched its full-scale invasion of Ukraine, forcing millions of Ukrainians who, through no fault of their own, were forced to leave their homes with the hope of finding safety and protection all over the world.

Britain's land has welcomed around 158.800 (data is as of 23 January 2023) Ukrainians so far, however there are many more to come. People who wanted to find safety in the UK had to get a permission by applying under one of the two sponsorship schemes offered by the government to those fleeing the war. The schemes allow Ukrainian nationals and their family members to come to the UK for up to three years if they have a named sponsor who can provide suitable accommodation (For these under Homes for Ukraine Scheme). Applicants under the Ukraine Family Scheme only require to prove that they have a UK-based family member with British citizenship or permanent residence. (4)