



KAZAKH ACADEMY OF SPORT AND TOURISM

Grant for funding of scientific and (or) scientific-technical projects for 2022-2024 (MSHE RK)

Project name, IRN	AP14871202 «Virtual foresight laboratory for the implementation of Olympic education in the system of general education school work».
Implementation period	01.09.2022-15.11.2024
Head of the research project	Doshybekov Aydin Bagdatovich – Ph.D., Associated professor
Relevance	<p>In modern Kazakhstan, the improvement of physical education and the sports sphere is a strategic priority. This is due to the economic necessity of human potential, ready to exist in a dynamically changing world.</p> <p>It should be noted that today there are also new requirements for the organization of the educational process of students, i.e., we must educate a person who is physically healthy, socially adapted, morally mature, and capable of self-actualization.</p> <p>One of the ways to solve this problem is Olympism.</p> <p>The topic of this project is relevant because the harmonious development of any country is impossible without strong improved people who make up its society, and such important human traits as strength, will, endurance, cheerfulness, and physical activity are cultivated at school age. It is necessary to foster interest in physical education and sports from primary school age.</p> <p>The inclusion of Olympic education in the learning process contributes to the formation of children's interest in physical improvement.</p> <p>The Olympic movement is an important part of the culture of mankind, and the study of its history should undoubtedly become part of the education of any cultured person. The Olympic education of junior</p>

	<p>schoolchildren makes it possible to combine the educational, developmental, and teaching goals and objectives of the process of educating children not only in the system of physical culture and health work but also in the entire educational and educational complex of the family and school.</p> <p>At the same time, in the context of a pandemic and distance learning, a new direction in education is especially in demand - the creation of automated virtual laboratories with remote access, which are practically absent at the moment. The created virtual foresight laboratory will make it possible to predict the inclinations and abilities of children for various sports at an early stage.</p> <p>Based on the analysis of the current situation, the following problems of the industry can be identified: low coverage of the population with systematic sports and physical education compared to leading foreign countries; lack of a coordinated strategy for conducting scientific research in the field of sports and physical culture, including sociological surveys of the population; insufficient information support, including the promotion of a healthy lifestyle through Internet resources.</p> <p>It is important to note that it is the primary school age that is the foundation of a healthy individual, and therefore a healthy society in the present and future. The inclusion of Olympic education in the learning process contributes to the formation of children's interest in physical improvement.</p> <p>A contradiction is revealed between the high educational potential inherent in the concept of the Olympic movement and the insufficient level of inclusion of the ideas of Olympism in the practice of physical culture and sports activities in the context of distance learning, which is the subject of our study.</p> <p>The above problems show the relevance and demand for the development of the Olympic education system among schoolchildren using a virtual foresight laboratory.</p>
The purpose of the research project	The purpose of the project: to substantiate theoretically, develop, and test experimentally a virtual foresight laboratory for the implementation of Olympic education in the comprehensive school system.
Expected results	<ul style="list-style-type: none"> - in 2022: Development of scientific and applied and educational methodological support for schools and universities (program, elective course, electronic notebook), virtual foresight laboratory for the introduction of Olympic education into the system of work of secondary schools; Obtaining an author's certificate for an elective course; Development and publication of 1 (one) scientific article in the journal, recommended by the CQAFSHE MSHE RK; video guide of the virtual foresight laboratory.

- | | |
|--|---|
| | <ul style="list-style-type: none">- in 2023: Approbation of the virtual foresight laboratory for the introduction of Olympic education into the system of general education; materials of the conducted diagnostics to identify gifted children in various sports; Development and publication of 1 (one) scientific article in the journal recommended by the CQAFSHE MSHE RK.- in 2024: Organization and conduct of educational and recreational activities for the implementation of Olympic education for younger schoolchildren, monitoring physical development, physical fitness, health, and selection of children for various sports; based on the results of the experiment, drawing up methodological recommendations for parents: "Sport in children's lives"; organization of public discussion of the results of the virtual foresight laboratory and their dissemination: Educational and wellness events will be organized and conducted: the competition of "Experts in Olympism" among school students; "Olympic Day" in schools in Almaty, Almaty region, Monitoring of physical development, physical fitness, health and selection of children for various sports; Methodological recommendations for parents: "Sports in children's lives". 1 article will be published in the international peer-reviewed journal Web of Science, Scopus "Journal of Teaching in Physical Education" (USA) https://www.scopus.com/sourceid/21472, CiteScore 2020 – 5.0, Education - 93th percentile and (or) in: - "Journal of Physical Education and Sport" https://www.scopus.com/sourceid/19900191849 (Romania) CiteScore 2020 – 2.1, Physical Therapy and Rehabilitation – 54th percentile; The monograph "Olympic education in Kazakhstan: methodology and methodology" will be developed and published; A public discussion of the results of the virtual foresight laboratory and their dissemination will be organized. |
|--|---|