



2nd Global Conference on Innovations in Education

12 - 13 December 2024

Dubai - UAE

The Influence of Elements of Innovative Physics Teaching Methods on Student Interest

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Abstract

The social economic development of country largely depends on the quality of education and the creation of new technologies, which, in turn, sets new demands for improving the education system. Recently, strategies for the development of science and education have increasingly been implemented in Uzbekistan, and reforms in the national education system continue to deepen. One of the seven priority areas of the Development Strategy for New Uzbekistan for 2022-2026 is the development of human capital. Among its various goals, the strategies aim to enhance the quality of education and raise the knowledge and qualifications of teaching staff to an international level. The goal of our work is to select and combine the most appropriate innovative methods to make lessons highly effective, modern, and engaging for the development of students' creative abilities, thinking, attention, and memory.

Keywords: virtual physics laboratory, project-based learning, education quality, student motivation