

PEDAGOGY

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Computer modelling of a professional orientation of schoolchildren

It has been considered the process of modernization of professional orientation through computer modelling technology. In connection with a target prospect of changing the model of education in the country and demands of innovative sectors of the national economy for the specialists with high competitiveness in the field of physical-technical education, the need to modernize the system of professional orientation and self-determination of young people in the natural sciences is obvious. In order to solve the problem it is relevant to develop a qualitatively new scenarios and principles of computer simulation of the process of professional orientation of pupils in the fields of engineering and the physical and technical education on the basis of the establishment of a multi-level network test platform and the development of core capacity of personality and professional diagnostics in the age dynamics from 1 to 11th forms .

Key words: modernization, computer simulation, professional orientation and self-determination, physical and technical education, integration testing, career guidance diagnostics, technological paradigm.

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