

Formation of ICT-competence of future university school teachers

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Abstract

© 2017 Authors. The relevance of this research is due to the problem of modern society informatization, the need to form a single information space, the emergence of new competencies, which the modern teacher should master, increase in requirements for the qualifications and professional activity of the teacher; the need to set a strategic goal of transforming the country into a world intellectual State with the predominant development of discarnate intellectual and knowledge-based material industries. The purpose of this research is to identify the specificity of formation of future university school teachers' ICT competence. Research methods. The leading method to investigate this problem is the pedagogical experiment (ascertaining, forming and control), and the method of statistical processing of quantitative results of research. 146 future university school teachers took part in the experiment. During the process of formation of ICT competence of future university school teachers, the phenomena of society informatization, the need to improve the information culture, and computer literacy were taken into account. Educational quest-technologies, tasks, exercises which form a unified system for the formation of ICT competence of future university school teachers were developed. Specificity of the author's method of formation of ICT competence of future university school teachers is that this process is based on the simultaneous formation of media literacy and informational culture. Relevance of the research. The research proved the effectiveness of the proposed methodology for the formation of ICT competence of future university school teachers, the results of implementation of which mainly identified a sufficient level of the ICT competence formation of future university school teachers. The materials of the article can be useful for university school teachers, parents, teachers of higher education institutions while using this method of formation of ICT competence.

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Keywords

Future university school teachers, ICT competence, Methodology

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