DEVELOPMENT OF GEOGRAPHICAL KNOWLEDGE OF STUDENTS AT INSTITUTIONS OF GENERAL SECONDARY EDUCATION WITH APPLICATION OF CURRENT METHODS AND TECHNOLOGIES

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The formation of geographical knowledge and concepts is an important component of the educational process. A prerequisite for the implementation of competent and systemic approaches in the teaching of geography is to increase attention to the features, motives, and interests of an individual student. This requires the introduction of flexible learning models – active forms, methods, and modern technologies. In addition, modern current realities lead to the use of distance learning technologies in all educational institutions. Now the educational system of Ukraine is not quite ready for the transition to such a training system. This is due to a number of objective and subjective reasons. Objective reasons include the technological and organizational features of conducting training in the distance mode, subjective ones include the rejection by applicants of education of such a form of training.

The effectiveness of distance learning requires the didactic consideration of the basic principles, conditions, methods, forms and means of organizing the distance learning process. The specifics of distance learning involves a set of technologies that ensure the transfer of the bulk of the material studied to applicants, as well as the interactive interaction of the student and teacher in the educational process, providing students with the opportunity to work independently when studying new material. Also, a feature of this form of conducting classes is the lack of direct visual contact of participants in the educational process, which requires a higher level of concentration and attention from students.

The authors present the results of an experimental study of the effectiveness of the introduction of distance learning or its individual technologies to ensure the availability and quality of training. The quality of the development of the school geography course according to the 10th grade program was checked. The level of achievement of students who studied separately in distance and full-time forms of education was revealed.

References

1. Snegurova, V.I. (2010). *Metodicheskaia sistema distantsionnogo obucheniia matematike uchashchikhsia obshcheobrazovatelnykh shkol. Avtoref. dok. ped. nauk* [Methodical system of distance learning mathematics for students of secondary schools. Doc. ped. sci. dis.]. St. Petersburg, 513 p. (In Russian).

2. Zueva, N.K. (2012). Rol distantsionnogo obucheniia v sisteme povysheniia kvalifikatsii uchitelei geografii [The role of distance learning in the system of advanced training for teachers of geography]. Problemy nepreryvnogo geograficheskogo obrazovaniia i kartografii [Problems of Continuing Geographic Education and Cartography], issue 15, pp. 40-43. (In Russian).

3. Otkrytoe i distantsionnoe obuchenie (2015). [Open and distance learning]. Tomsk, no. 3 (59), 91 p. (In Russian).

4. Fedorenko, Yu.A. (2011). *Mozhlyvosti dystantsiinoho navchannia heohrafii i orhanizatsiia dystantsiinoi formy virtualnoho uroku* [Possibilities of distance learning of geography and organization of distance form of virtual lesson]. *Kompiuter u shkoli ta simi* [Computer at school and family], no. 1, pp. 40-42. (In Ukrainian).

5. Khasson, V.Dzh. & Votermen, V.K. (2004). *Kryterii yakosti dystantsiinoi osvity* [Quality criteria for distance education]. *Vyshcha osvita* [Higher Education], no. 1, pp. 92-99. (In Ukrainian).

6. Mashkova, V. (2018). *Dystantsiine navchannia vchyteliv heohrafii u konteksti osvitnoi reformy* [Distance learning of geography teachers in the context of educational reform]. *Problemy bezperervnoi heohrafichnoi osvity i kartohrafii* [Problems of continuing geographical education and cartography], issue 27, pp. 42-49. (In Ukrainian).

7. Volkova, N.P., Tarnopolsky, O.B. & Olyinik, I.V. (2019). The individual style of speech of teachers from higher education institutions as an indicator of pedagogical professionalism. Revista Espacios digital, vol. 40, no. 17, pp. 20.

8. Oliinyk, I.V. (2018). Vykorystannia freimovoi tekhnolohii u protsesi formuvannia doslidnytskoi kompetentnosti u maibutnikh doktoriv filosofii v umovakh aspirantury [The use of frame technology in the process of forming research competence in future doctors of philosophy in graduate schoo]. Visnyk Universytetu imeni Alfreda Nobelia. Pedahohika i psykholohiia. Pedahohichni nauky [Bulletin of Alfred Nobel University. Pedagogy and psychology. Pedagogical sciences], no. 1 (15), pp. 175-180. (In Ukrainian).

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