

Digitalization – Development

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Our task is to provide quality education through a digital educational environment.

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ANNOTATION

The article analyzes current trends in the digital transformation of education in order to train personnel for digital education. The influence of digitalization on modern school and university education is considered and its positive and negative aspects for the modern educational environment are analyzed. The advantages of personification and personalization of the educational process are presented.

Digitalization is gradually entering our everyday life and, of course, in the field of education, supplementing existing solutions with new technologies and solutions. Modern technologies will make the learning process bright, exciting and interesting. At the same time, all innovations should take into account the peculiarities of the psychological and physiological development of the child, and information that could harm his psyche is unacceptable at school [1.31]. Schools and universities that previously worked with digital educational platforms quickly mastered the sudden transition to distance learning, facilitating the process of adaptation of teachers and schoolchildren (students). Their longstanding investment in innovative educational hardware and software, as well as timely training of teaching staff, has enabled them to continue their operations with minimal disruption.

Digital technologies and education go hand in hand, providing exciting new opportunities for learning and teaching. Digital technologies are transforming the education sector in two ways:

1) digital competencies in the future profession;

2) digital technologies in teaching all subjects.

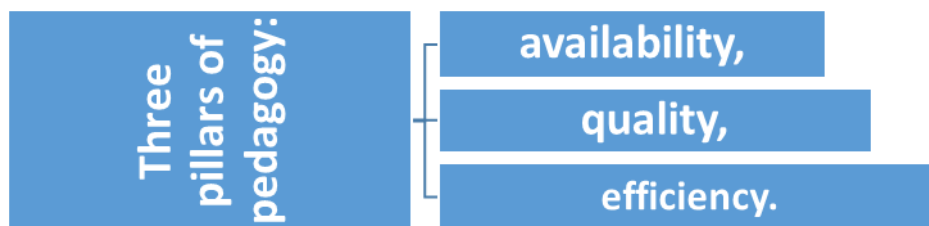
The term "digital education" has appeared, which is understood as "... the process of organizing interaction between teachers and students when moving from goal to result in a digital educational environment, the main means of which are digital technologies, digital tools and digital traces as the results of educational and professional activities in digital format" [1, p. thirty].

Digital Educational Environment (DSE).

DSE is a collection of educational resources on a single platform that children can use regardless of location. Flexible learning in a cross-border interactive environment using open content from around the world is increasingly becoming a hallmark of digital education reform. The wide participation of users in international social networks, communities of interest and professional communities, forums, the use of international open educational resources - all this characterizes the current stage of transition from passive use of content to its active discussion, generation of new knowledge at a qualitatively new level.

With the beginning of quarantine in March 2020, we all witnessed the organization of online classes in our country in this direction. We are talking about free verified content that will make it possible to improve the educational process, make it as accessible and effective as possible, methodically and didactically correct. DSE includes many components, including digital infrastructure that provides technological processes, digital educational resources and electronic content. Lectures, tests, presentations, virtual laboratories - all this will be open to schoolchildren, their parents and teachers.

In addition, over the digitalization of education management - the creation of analytical systems that will allow you to navigate in large data arrays and offer relevant management solutions.



It is important to remember that digital technologies work only when they realize the didactic possibilities of education and make the learning process as effective as possible and at the same time individualized. For example, children with disabilities who are homeschooled, as well as children who cannot attend a regular school, can use this format. And it is important that here you can choose a different level of training - both for talented children and for those who need support. Such a differentiated approach will be of great benefit to all. Interdisciplinary connections, visibility and feedback - all this makes it possible to implement digital technologies at school. In the same lesson, you can, for example, study chemistry and biology, see how the child understands the topic, diagnose errors, and control the performance of work. And automation of the process allows you to analyze which topics cause difficulties, and makes it possible to draw up a general picture of knowledge.

In addition, technology allows you to see completely unique things - the trajectories of the movement of molecules, their structure, and much more. That is, the effect is maximum - the child develops several types of thinking at once: figurative, visual, theoretical.

Conclusion: With the systematic and targeted introduction of digital technologies into the learning process, the hopes of the pedagogical and scientific community are connected to accelerate the acquisition of new knowledge, make education more effective and connected with practice.

The digital educational environment collects and integrates electronic educational resources, and

distance learning is a pedagogical technology that can be used at the discretion of the teacher or school if necessary, and the Central Broadcasting System (CRS) is included in the practical mechanism for implementing this technology.

Digital education is an increase in quality and efficiency, problems are important for working on their solution and the result of educating the younger generation, as well as new teachers, equipping them with knowledge, society using advanced pedagogical technologies is aimed at creating conditions for their development.

Bibliography:

1. Weindorf-Sysoeva, M.E. "Digital education" as a backbone category: approaches to definition / M.E. Weindorf-Sysoeva, M.L. Subocheva // *Bulletin of the Moscow State Regional University. Series: Pedagogy.* - 2018. - No. 3. - P. 25–36.
2. Afanas'eva, G. A. Development of the educational process in the new digital environment / G. A. Afanas'eva, A. A. Zyablov // *Ecology of urbanized territories.* - 2018. - No. 2. - P. 105–107
3. Saakyan A. G., Serkova V. A. National cultures and problems of national identity in the era of globalism. *Humanities and social sciences.* 2018. vol. 9, no. 1. p. 72–79. doi: 10.18721/Jhss.9108.