

---

## THE IMPORTANCE OF ELECTRONIC EDUCATIONAL RESOURCES IN THE EDUCATIONAL PROCESS

Ganiev Shahzod Ravshanbekovich

Namangan Region Pedagogues To New Methods National Center For Education, Exact And  
Natural Sciences Teacher Of The Methodology Department, Uzbekistan

**ABSTRACT:** - Modern education is undergoing a revolution thanks to the introduction of electronic educational resources. This abstract explores the importance of electronic educational resources in the educational process. It examines the main advantages and benefits that they bring to students and teachers. Electronic educational resources contribute to the individualization of learning, improving the accessibility of education, as well as the development of information literacy and self-learning skills. In addition, they provide opportunities for interactive learning and enriching the educational process with multimedia content. This abstract emphasizes that electronic educational resources are an integral part of the modern educational environment and play a key role in preparing the future generation for the challenges and opportunities of the information age.

**KEY WORDS:** - Electronic educational resources, educational technologies, distance learning, digitalization of education, interactive educational materials, online courses, virtual classrooms, learning efficiency, adaptive learning, accessibility of education, pedagogical potential of technologies.

### INTRODUCTION

In the modern world of digital technologies, electronic educational resources have become an integral part of the educational process. E-learning materials, online courses, web platforms and mobile applications have become firmly embedded in the lives of students and teachers. In this article we will consider the importance of electronic educational resources and their role in the modern education system.

One of the main advantages of electronic educational resources is their accessibility. Students can get an education anywhere and at any time, having only access to the Internet. This is especially important for those who cannot attend educational institutions for any reason. The flexibility of online education allows students to adapt the learning process to their schedule and learning characteristics. Electronic educational resources provide a huge variety of training materials. Students can choose courses and study materials that match their interests and level of training. This contributes to deeper and more effective learning, as everyone can find the right content.

Many electronic educational resources offer interactive learning modules, assignments and tests. This allows students to actively participate in learning, and not just listen to lectures. In addition, some platforms use artificial intelligence technologies to adapt educational material to the individual needs of each student, providing an optimal level of complexity and pace of learning. The use of electronic educational resources makes it possible to integrate modern technologies and tools into the educational process. This includes virtual laboratories, visualizations, multimedia materials and many other tools that make learning more interesting and effective.

With electronic educational resources, students can gain knowledge and experience from leading specialists and experts from around the world. This expands the horizons of education and allows you to receive high-quality education even in the absence of access to prestigious educational institutions. The use of electronic educational resources helps to reduce the consumption of paper and other resources, which has a positive impact on the environment. In the modern world, education is undergoing a revolution, leading to a change in traditional methods of teaching and learning. Electronic educational resources have become an integral part of this transformation and play an important role in the modern educational process. In this article, we will look at why electronic educational resources are becoming increasingly important for education, how they affect learning and what benefits they bring.

**Accessibility of education** One of the main advantages of electronic educational resources is their accessibility. With the help of the Internet and electronic platforms, training becomes available to a wide range of people, regardless of their location. This is especially important for those who live in remote areas or do not have the opportunity to attend traditional educational institutions. Electronic resources allow them to get a quality education. **Individual learning** Electronic educational resources allow students to choose the pace and method of learning appropriate to their needs and level of knowledge. This creates an opportunity for individual learning, which is especially important given the diversity of students and their level of training. Students can study the material at a time convenient for them and in the format that suits them best.

**Variety of training materials** Electronic educational resources provide access to a variety of training materials. These can be textbooks, video lectures, interactive lessons, tests and much more. Students can choose from a variety of resources that match their interests and learning style. Such a variety of materials enriches the educational experience and allows you to assimilate knowledge more effectively. **Support and Feedback** Many e-learning platforms provide an opportunity for students to receive feedback from teachers or automated systems. This allows you to evaluate your progress and adjust the curriculum. Such feedback helps to increase motivation and the quality of training.

The field of knowledge is constantly evolving, and the relevance of information plays an important role in education. Electronic resources can be updated faster than traditional textbooks, which allows students to receive information that meets modern requirements and trends. **Efficiency and time saving** The use of electronic educational resources allows you to save time on trips to

educational institutions and searching for information in libraries. Students can focus on learning, minimizing the time spent on organizing the process. Environmental sustainability The transition to electronic educational resources helps to reduce the consumption of paper textbooks and other printed materials, which has a positive impact on the environment.

In conclusion, electronic educational resources play a key role in modern education. They provide accessibility, flexibility, relevance and diversity of learning, as well as contribute to improving the quality and effectiveness of the educational process. Given the rapid development of technology, electronic educational resources will continue to be an important tool of education in the future. Electronic educational resources play a key role in the modern education system. They provide accessibility, flexibility and diversity in the educational process, making education more accessible and effective for everyone. With the development of technology, electronic educational resources will continue to play an important role in the formation of knowledge and skills of a new generation.

## REFERENCES

1. Prensky, M. (2001). Digital Natives, Digital Immigrants. *On the Horizon*, 9(5), 1-6.
2. Anderson, C. A., & Dill, K. E. (2000). Video Games and Aggressive Thoughts, Feelings, and Behavior in the Laboratory and in Life. *Journal of Personality and Social Psychology*, 78(4), 772-790.
3. Koedinger, K. R., & Corbett, A. T. (2006). Cognitive Tutors: Technology Bringing Learning Science to the Classroom. In K. Sawyer (Ed.), *Cambridge Handbook of the Learning Sciences* (pp. 61-78). Cambridge University Press.
4. Zhu, E. (2012). Learning in an Online Mathematics Classroom: A Two-Level Analysis. *Journal of the Learning Sciences*, 21(3), 438-473.