

ADVANTAGES OF USING ELECTRONIC EDUCATIONAL RESOURCES IN THE PROCESS OF TEACHING SPECIAL SUBJECTS

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Abstract

This article discusses in detail how to achieve the effectiveness of the educational system of teaching special subjects. the process of how to facilitate the effective organization of the system using computer technologies in the educational system, as well as how to increase and strengthen the interest of the participants in science is the main goal of this article.

Keywords: E-learning, visualization, software, audio and video, online lessons (site), multimedia, electronic textbooks, visual presentation and synchronous explanation.

ПРЕИМУЩЕСТВА ИСПОЛЬЗОВАНИЯ ЭЛЕКТРОННЫХ ОБРАЗОВАТЕЛЬНЫХ РЕСУРСОВ В ПРОЦЕССЕ ОБУЧЕНИЯ СПЕЦИАЛЬНЫМ ПРЕДМЕТАМ

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Абстракт

В данной статье подробно рассматривается, как добиться эффективности образовательной системы обучения специальным предметам. процесс того, как облегчить эффективную организацию системы с использованием компьютерных технологий в системе образования, а также как повысить и укрепить интерес участников к науке, является основной целью данной статьи.

Ключевые слова: Электронное обучение, визуализация, программное обеспечение, аудио и видео, онлайн-уроки (сайт), мультимедиа, электронные учебники, визуальное представление и синхронное объяснение.

The rapid development of digital technologies in the modern world requires pedagogy to keep up with trends. In the last decade, the interest in the science of pedagogy has increased due to the widespread use of computer technologies in

teaching. It is no secret that the development of our society in today's market economy requires innovations and updates, including new information and communication technologies to improve the education system. In particular, the widespread introduction of multimedia and web technologies, the intensive study of computer-generated graphics, animation and video technologies require computer literacy.

Materials and methods

With the emergence of such a component as information in the educational process

it will be appropriate to review the tasks. The main ones are:

- to increase the quality of training of specialists by using modern technologies
- use of teaching methods and, as a result, increase creative and intellectual abilities
- integration of various types of educational activities (study, research, etc.);
- adaptation of educational information technologies to individual characteristics
- ensuring continuity and connection in education and training;
- development of distance learning information technologies;
- improvement of programmatic and methodical provision of educational process.

Information and communication technologies rely on all the complexes of interconnected speech activity

- listening
- reading
- speaking
- writing

The types of activities implemented by information and communication technologies can be as follows:

- educational;
- game;
- labor.

The use of information and communication technologies is not an effect of fashion, but a necessity arising from the current level of development of education. It is known that the information received by a person in the exchange of information is most effectively received by the internal sense organ and it leaves a deep imprint on the memory. Information given by voice has a particularly positive effect. The least effective tool is written, it takes more time to receive information and process it in the brain, and due to the physiology of each person, a certain amount of information is lost and stored in memory. The least effective tool is written information, which takes more time to receive and process the brain and due to the physiology of each person, a certain amount of information is lost and stored in memory.

Electronic learning tools can be used as additional support in distance learning and independent learning, as they allow comparison of educational materials with printed educational materials: inductive approach, auditory and emotional memory, as well as g facilitates the transfer of money to them; allows the student to develop skills on the basis of his level of training, intellectual abilities and abilities and is in accordance with his requirements.

It is known that the most effective method of teaching is to demonstrate and synchronize the explanation of the studied material. Classical and integrated lessons, as well as multimedia presentations, online tests and software products allow students to deepen their knowledge. It is no exaggeration to say that the computer not only allows students to enjoy an exciting and high-quality educational process, but also opens the door to new opportunities for the teacher. allows you to immerse yourself in learning with the help of the latest technologies, True E-learning resources cannot replace live communication with the teacher and other sources of information, but taking into account the interests of students, every increases interest in learning what subject.

Among the advantages of using information and communication technologies in education:

- to increase the quality of education due to the novelty of the activity,
- Significantly increases the efficiency of using information and communication technologies in the lesson, speeds up the process of preparing for the lesson,
- allows the teacher to fully express his creativity, ensures accuracy, attracts a large number of
- didactic material, increases the amount of work done in class

The use of information and communication technologies opens up didactic opportunities related to the ability to visualize the material, "revive" it, and make a visual journey. It also allows you to imagine events that cannot be shown in other ways. Multimedia systems make it possible to provide didactic material as convenient as possible, and it arouses interest in learning and helps to eliminate gaps in knowledge.

Teachers constantly use information and communication technologies in their daily work. And the main directions of using computer technologies can be distinguished:

- visual information (illustrative, demonstrative material);
- demo material (exercises, opornye tsepi, tables, concepts);
- simulators;
- control of students' skills and achievements;
- Working on the Internet;
- educational and development programs;

When preparing for a lesson using information and communication technologies, the lesson plan is created based on certain goals. When choosing educational material, they follow the main didactic principles: systematic and consistent, convenience, differentiated approach, scientific character, etc. In this case, the computer does not replace the teacher, but complements him. Teachers use electronic resources for educational purposes: presentations for lessons, logical games, test shells, Internet resources. They use information technology as new

material, anchoring, repeating, summarizing, controlling at all stages of the lesson: explanation.

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