

CREATING ELECTRONIC TEACHING AIDS ON THE SUBJECT OF "FOREIGN LANGUAGE"

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Abstract

This article is dedicated to the that in the very near future, universities and institutes of advanced training will train teachers in new pedagogical technologies using modern knowledge in the field of pedagogy, didactics, psychology, cybernetics, multidimensional graphics, artificial intelligence, multimedia and computer design. It is necessary to fill in the gaps in those branches of public education where there is no methodology for developing electronic textbooks using multimedia tools, as well as scientific justification of approaches to teaching students and schoolchildren in a computer environment. It should also be added that the spread of computer technology in schools and universities is significantly ahead of the capabilities of the domestic industry specializing in the production of educational software products for the mass consumer.

Keywords

train, teachers, pedagogical, technologies, knowledge, cybernetics, artificial intelligence, multimedia, computer, design.

About 20 years ago, information technology (IT) specialists predicted that starting in 2000, education at all levels and in all fields of knowledge would be built through the interactive use of computers. It was then, in the early 80s, that the national educational systems of the advanced countries of the world began to receive the funds necessary for the purchase of digital computing equipment and software products, the organization of multimedia laboratories and retraining, the creation of local and global telecommunications systems.

The rapid development of the Internet has contributed to the merging of tens of thousands of local networks of universities, research centers, government agencies, commercial and non-profit organizations. As a result, at the end of 2000, the number of Internet users on the planet reached 400 million people. Admittedly, the forecast of IT specialists turned out to be correct. Today, a cardinal event in the field of education has become the widespread introduction of computer and

communication technologies into the educational process. At the same time, it is necessary to understand the main thing - the saturation of educational institutions with expensive computing equipment and high-speed communication channels does not mean an extensive path of development of secondary or higher education, but above all a way and means for a qualitative internal change in the state of the entire Russian pedagogical system, which does not fully meet the requirements of the information society of the XXI century.

In the very near future, universities and institutes of advanced training will train teachers in new pedagogical technologies using modern knowledge in the field of pedagogy, didactics, psychology, cybernetics, multidimensional graphics, artificial intelligence, multimedia and computer design. It is necessary to fill in the gaps in those branches of public education where there is no methodology for developing electronic textbooks using multimedia tools, as well as scientific justification of approaches to teaching students and schoolchildren in a computer environment. It should also be added that the spread of computer technology in schools and universities is significantly ahead of the capabilities of the domestic industry specializing in the production of educational software products for the mass consumer. And here the main problem is seen in the imperfection of the scientific and methodological basis for the development of computer textbooks for educational purposes. For this reason, there is a need to control the quality of software products manufactured in our country and imported from abroad - their academic completeness, didactic value, and most importantly - their effectiveness.

It is especially important to do this for the subject "foreign language", where the practice of using computer technology has never been highly developed, and where the circle of local and foreign specialists working on the problems of creating and implementing electronic textbooks in a foreign language remains quite narrow.

Our country's business partnership with other countries of the world is hampered by the existence of a language barrier. Our own experience gained during the organization and holding of numerous business meetings, negotiations, international conferences and seminars convinces us of the insufficient linguistic competence of Russian citizens. Communication on the Internet also becomes ineffective due to poor knowledge of foreign languages and, above all, English.

With the advent of modern digital equipment, such as multimedia computers, video projectors, electronic screens and networks, fundamentally new opportunities for mass learning of foreign languages appear, related to the organization of a foreign language environment and visualization of not only physical or informational objects of the language, but also "essential" (semantic)

ones that are not explicitly observed. In this regard, it is necessary to rethink and clarify many issues of teaching a foreign language, including the system of relations of the "computer - student" paradigm, as well as the role and significance of the teacher in this system.

All of the above points to the need to develop a new scientific direction in modern methodology related to the creation of educational tasks on a computer and the use of multimedia technology in the educational process for schoolchildren and students.

The current stage of reforming the education system, as well as the national economy as a whole, is characterized by exceptionally high rates of introduction of computer technology, which determine the prospects for creating an information society in our country. The possibilities of new information technologies are such that education is becoming more widespread, open and continuous every year. The use of computers and communication networks significantly affects the development of pedagogical technologies and imposes special requirements on the organization of the educational process, the qualifications of teachers and the activities of students.

As a result of the scientific research on the topic of creating electronic teaching aids on the subject of "foreign language", the ideas and methods, the totality of which forms the basis of the modern scientific direction in pedagogy related to the methodology of developing computer software systems and virtual environments for educational purposes and training students and schoolchildren based on them, are theoretically substantiated and experimentally tested.

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