

PEDAGOGICAL BASIS OF USING THE ELECTRONIC EDUCATIONAL APPLICATION IN THE LEARNING PROCESS

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Annotation

The content of textbooks should provide students with the skills of independent and free thinking, the gradual enrichment and improvement of knowledge, independent learning, the search for new knowledge in textbooks. The concept of creating a new generation of educational literature for the system of continuing education provides their definition and forms.

In the "Concept of creating a new generation of textbooks for continuing education" the issue of educating individuals with sufficient intellectual potential, independent thinking and observation on the basis of modern scientific achievements, as well as the training of competitive, highly qualified personnel to create a new generation of textbooks. It is shown that a certain part of the textbooks, which are ideologically outdated in terms of content and essence, published in a completely traditional (printed) way, do not meet the requirements and needs of the new education system.

In a society where science is rapidly evolving and modern information and communication systems are widely introduced, the rapid renewal of knowledge in various fields of science, along with the rapid acquisition of knowledge, imposes on students the task of regular and independent search for knowledge. Creating a new generation of textbooks, addressing scientific, methodological, organizational (including the transition to the Latin alphabet) and financial issues in their preparation requires the development of measures to ensure the

achievement of the goals of the "National Training Program" in continuing education.

The purpose of the concept is to define the principles of creating a new generation of educational literature for all types of education of the system of continuing education and the mechanisms of their preparation.

The main objectives of this concept are to develop scientific-ideological, methodological-didactic, psychological-pedagogical, sanitary-hygienic requirements for the creation of a new generation of textbooks, to give clear definitions of their existing forms and types in order to use textbooks correctly and rationally. to determine the scope of strategic issues for the implementation of programs for the preparation of literature.

The main requirements for the creation of a new generation of educational literature.

In accordance with the national model of training in the concept of creating a new generation of textbooks for continuing education, textbooks in continuing education are prepared on the basis of approved state educational standards (or state requirements) and interdisciplinary curricula for disciplines. At the same time, it is necessary to ensure that the textbooks of a particular subject are related to other subjects taught in this type of education, and in other types of education, the continuity of the curriculum of this subject. It is planned to conduct a comprehensive examination of textbooks in the prescribed manner.

It is known that in all types of continuing education, textbooks on fundamental knowledge are prepared mainly in the traditional printed form.

Nowadays, the interest and attention to increase the effectiveness of education using innovative and information technologies, which are growing rapidly in the educational process, is growing day by day. Classes using modern technology are aimed at finding knowledge on their own, studying and analyzing it independently, and even drawing their own conclusions. In this process, it creates conditions for the development, formation, education and upbringing of the individual and the team, as well as acts as a manager, a guide. In such a learning process, the teacher becomes the main figure.

The concept states that e-learning literature is designed to broaden the imagination of learners, to develop and deepen their initial knowledge, to provide additional information, and to create them in more in-depth disciplines. In our view, given the rapid development of science and

technology in the system of continuing education, it is expedient to prepare e-learning literature on rapidly changing, in-depth, professional and special subjects.

Presenting information in the form of images on the basis of modern information technologies and organizing the process of thinking not only raises the level of intellectual development of students, but also leads to a change in the ratio between traditional teaching. Perhaps such training can present information in a figurative way that corresponds to a new branch of human mental development compared to traditional methodology, solve problems related to communication languages, and lead to the development of communicative processes in the world.

Using the method of presenting learning materials in the form of images, students can influence all components of the learning process in one way or another. Especially in this context, it can show students aspects such as acceptance of learning materials, comprehension of meaning, memorization, repetition of them. In addition, this method develops students' emotional approach to reading and allows them to master the learning materials without spending a lot of time.

There are some downsides of using computer technology in the learning process. First of all, sitting in front of a computer is detrimental to the health of the student, secondly, the student does not develop writing skills, and thirdly, the student's communication with teachers and peers are limited. Given these disadvantages, the teacher should make good use of the possibilities of computer technology. At the same time, it is necessary to use the rich experience of the traditional methods of teaching the subjects with the use of new pedagogical and information technologies. Accordingly, the pedagogical methods used to organize the educational process on the basis of modern pedagogical technology provide the students with the opportunity to learn sequentially, both in-class and out-of-class materials. Teaching methods are established taking into account the learning objectives, content, subject matter and age characteristics of the learners, and the form of learning and the tools used to influence the choice of teaching methods.

Nowadays, there is a growing interest in increasing the effectiveness of education through the use of innovative and information technologies, which are rapidly developing in the

educational process. Lessons using state-of-the-art technology are focused on finding, learning, analyzing, and even drawing conclusions. It facilitates the formation, formation, acquisition and education of individuals and communities in the process, and also serves as a guiding and directing person. In this learning process, the teacher becomes the main figure.

- Pedagogical technologies allow wide introduction of systematic approach to the educational process.
- Pedagogical technology encourages the teacher to pre-design the technological chain from the objectives of the educational process to the establishment of the diagnostic system and control over the process.
- As pedagogical technology is based on the use of new tools and information methods, their application will ensure the implementation of the requirements of the National Program for Personnel Training.

The content of educational literature should provide students with the skills of self-study and free thinking, the gradual enrichment and improvement of knowledge, independent learning, the search for new knowledge in the literature.

Forms of educational literature.

The concept of creating a new generation of textbooks for the system of continuing education provides their definition and forms.

Textbooks are a source of information on a particular type of education (direction or specialty) based on the relevant curricula in the disciplines specified in the curriculum, the methods and didactics of acquisition (including foreign translations) and are prepared in two different forms.

1. Traditional (printed) educational literature - a source that is printed on paper, taking into account the age and psycho-physiological characteristics of students, the size of the data, fonts, paper quality, type of cover and other indicators.

2. E-learning literature - a source with the ability to collect, describe, update, store, present and control knowledge on the basis of modern information technology.

E-learning literature (e-learning literature) has a special place as a learning tool that creates a wide range of opportunities for the use of teaching materials in the learning process.

Experience has shown that a person can remember information received by the visual organs 5 times more than the auditory organs. Unlike auditory organs, information received from visual organs is not encoded, goes directly into memory, and is stored for a long time.

E-learning literature provides more opportunities to demonstrate learning materials than traditional textbooks. e-learning literature must meet all the requirements of the learning process, in addition to performing didactic functions designed for students to work more independently.

Thus, in the application of e-learning literature in the educational process, in addition to their pedagogical aspects, taking into account the psychological and hygienic aspects ensures the intellectual abilities of students and their active participation in this process.

In summary, e-learning literature provides a wide range of opportunities for educators and students. The organization of the educational process on the basis of e-learning literature provides a number of advantages, such as the rapid updating of teaching materials based on the latest achievements of science and the like.

List of used literature.

1. The concept of creating a new generation of educational literature for the continuing education system. Ministry of Higher and Secondary Special Education of the Republic of Uzbekistan, Ministry of Public Education of the Republic of Uzbekistan, State Press Committee of the Republic of Uzbekistan. Tashkent, 2002.
2. Lutfullaev M.Kh. The teaching methodology in multimedia electronic educational literature. Journal of Continuing Education. Number 4 Tashkent, 2002. Page 79-82.
3. Lutfullaev M.X., Fayziev M.A., Lutfullaeva F. Pedagogical bases of use of multimedia electronic educational literature in educational process. New pedagogical and information technologies in continuing education. Samarkand, May 13-14, 2003.
4. Egamkulov Sh .A and others. The role of multimedia in the creation of electronic literature for distance learning. Prospects and problems of development of distance learning in the Republic of Uzbekistan and higher educational institutions Republican scientific-practical conference. Fergana, November 25-26, 2005, pp. 113-114.

5. Egamkulov Sh .A and others. Specific aspects of the use of information technology in education. The role of social sciences and humanities in inculcating the idea of national independence in the minds of young people. Materials of the Republican scientific-theoretical conference. Jizzakh, April 13-14, 2006, pages 288-300
6. Egamkulov Sh .A and others. The use of multimedia tools in teaching geometry in academic lyceums. Problems of teaching natural sciences. Republican scientific-methodical conference on the topic. Jizzakh, November 29-30, 2006, pages 112-115
7. Egamkulov Sh.A. and others. Using the possibilities of information technology in teaching school geometry. "Issues of improving the teaching of mathematics in the system of continuing education" dedicated to the 75th anniversary of Andijan State University Tashkent, April 28-29, 2006. Pages 112-113
8. Egamkulov Sh.A. and others. Algorithm for creating e-learning literature on the course of geometry taught in academic lyceums and methods of its use. Materials of the scientific-practical conference of young scientists and talented students of the Republic on the theme "Our knowledge and intelligence - to you, motherland". Fergana, May 19-20, 2006, pp. 160-161