Effectiveness Of Using Computer Technologies In Developing Students 'Learning Ability

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ABSTRACT

This article discusses the benefits of using computer technology in teaching foreign languages, as well as the need to broaden the content of technology for developing students' learning abilities. The use of modern means of a computer, multimedia, internet, distance learning, a unique information environment, and information and communication technologies has been yielding good results in a high-quality educational process.

INTRODUCTION

At present in the educational system of the country educating young people to think independently, to have a broader understanding of independence, to care about the future and independence of their Motherland, to protect and defend themselves and their people, the dignity and honor of the Motherland, new ideas and new ideas. , working with intentions,

It has entrusted its talents, their every opportunity, and, if necessary, the feeling of dedication to the future of the country. At the same time, improving the quality of education is one of the most important issues.

The tremendous changes taking place in our country have an impact on all spheres, including the higher education process. Creative, active, independent thinkers, critical changes, and transformations in higher education remain vital for the upbringing and development of personality. Therefore, the fundamental task of some disciplines is to make radical changes in education, to create active, creative, intelligent, intelligent,

educated specialists who will enrich the future with new innovative ideas.

The stronger the knowledge, the more the student's worldview and intellectual potential develop and grows. Currently, information literacy for students and teachers is an important prerequisite for improving the effectiveness of education. Successful solution of these tasks requires the use of modern educational technologies in the educational process.

The use of advanced pedagogical and information technologies in all levels of education to improve the education system up-to-date creates favorable conditions for students to unlock their spiritual strength and abilities. Information and communication technologies, which are constantly developing in the education system, serve to raise the educational process to a higher level. Of course, it is advisable to use modern techniques to make the learning process more meaningful. The use of modern means of a computer, multimedia, internet, distance learning, a single information environment, and information and communication technologies has been yielding tangible results.

One of the most important tasks is the implementation of state policy in the field of education, improvement of the educational process following the unified requirements of personnel training, provision of educational literature, an extension of the database created for science, continuous methodical service of teachers.

LITERATURE REVIEW

As a result of consistent reforms in the country to create the conditions for the full development and prosperity of the person, his / her interests, to bring the quality and effectiveness of education to a new level, opportunities for the development of students' foreign language skills are being expanded. There is also a need to expand the technology of developing students' learning skills in teaching foreign languages. The Strategy of actions for further development of the Republic of Uzbekistan identifies priority tasks such as "further improving the system of continuous education, enhancing opportunities for quality education services, supporting and implementing the creative and intellectual potential of the younger generation". to determine the criteria for logical thinking, to the intellectual development of students and their abilities and inclinations. It is important to develop recommendations on appropriate skills acquisition [1].

The educational process of methodological literature in recent years

Many new concepts are being introduced, such as "Innovative pedagogy", "Innovative technologies", "New pedagogical technologies", "Interactive methods and methods". Russian scientists V.I Zagvezinsky, V.P Bespalko, V.A Slastinin, and others B.Ziyomukhammedov, L.V Golish, N.H.Alikulov, N.Saidakhmedov, A.Kosimov, U. Tolipov, and F. Kholikova have detailed theoretical and practical views on the modernization of the educational process, new pedagogical technologies, and their pedagogical and psychological bases. In almost all of the aforementioned studies, the innovative ideas proposed are characterized by their application in the teaching of social sciences and humanities. In

other words, the methods and methods of interactive organization of the Uzbek-speaking and speaking people, their interest in learning new knowledge are discussed. Also, any student who does not have the skills of communication in a foreign language can never participate in "brainstorming" technology, such as on-topic training. This means that students need to be able to speak a foreign language first, to learn how to express their thoughts without hesitation, to develop communication skills, to develop communication skills, to be able to respond to information. The strengthening of such skills and competencies is based on the proposed new information technologies [3]. Pedagogical literature describes the concept of "innovation" as a pedagogical reality that leads to emerging theory and practice of previously unknown and undisclosed methods and techniques in teaching, teaching, and educating pedagogical innovations.

The most promising direction in the field of using information technology in education is the organization of the independent work of students. The independent work program of the students is based on the use of electronic textbooks, integrated dictionaries, a library of educational and methodical literature, which interact in computer technology.

RESEARCH METHODOLOGY

One of the important conditions for the implementation of the innovative pedagogical process in teaching foreign languages is the ability of the learner to exercise self-control and self-motivation in mastering speech activities. One of its most important conditions is the formation and development of students 'communication and cognitive functioning based on communicative, functional, emotional, and cognitive principles, which results in the formation and development of students' communicative competence. In this process, the teacher creates the conditions for the formation and development of the intellectual abilities of students, the ability to communicate in a foreign language, to enhance their interest, and at the same time serve as a manager. The student

becomes the main figure in the learning process. Interactive methods are part of the content of the lesson, enabling the creation of a team, group, or pair of learning communication materials, that is, the learning process is organized through collaborative learning activities of teachers and students. Each lesson has a specific technology of the subject, ie pedagogical technology in the learning process is an active learning process that is focused on a specific, pre-designed, and guaranteed result based on the communicative needs of the learner.

New pedagogical technologies advance learning process designing. In this case, the teacher's educational material specificity, in its explanation and the process of independent work strengthening communication skills, students' communication needs, technical means of education and all audio-visual, extralinguistic and take into account the possibilities of using emotional resources and only then can the desired guaranteed result be achieved [10].

Students are treated differently in the learning process Application of pedagogical technologies and modern, free-thinking, research, creative approach to each issue, sense of responsibility, research, analysis, the effective use of scientific literature, most importantly, reading, science, itself enhances their interest in their chosen profession. There is a need for a new approach to the design of the educational process based on the new educational system, the content, the curriculum, the textbooks.

When using computer technology, it can perform some tasks. Computer technology with active access has the following main objectives:

1) Increase students' interest in learning through the use of multimedia technology;

2) enhances students' thinking abilities through interactive teaching and increases the effectiveness of learning material;

3) difficult or difficult to present is important as it allows modeling and visualizing processes;
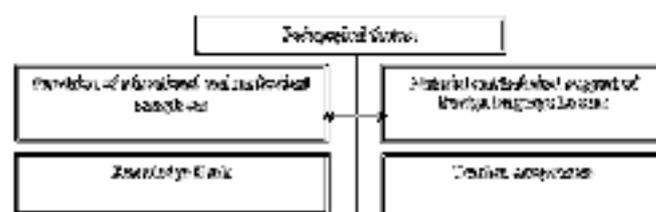
4) make learning materials effective not only in terms of their level but also in the level of logic and perception of students;

5) Provide distance education not only for undergraduate students or the Internet but also for students who missed classes;

6) provide students with the opportunity to carry out specific research activities by searching for material through independent research and finding answers to problematic issues;

7) Promote students' performance in reading, coursework, writing and graduation, self-study materials, selection, and analysis of information and data [9].

Non-traditional educational technologies are primarily innovative technologies aimed at organizing and managing students' collaborative learning activities, teaching communication skills, ensuring reproduction of learning, consecutive formation and improvement of skills and skills, and independent research. This activity is done by working in pairs and group modeling, designing, and using different games such as.

Over the past decade, much has been said about changing the concept of education, developing innovative teaching methods, and applying new technologies in the learning process. In the Resolution of the first President of the Republic of Uzbekistan "On measures for further improvement system of learning foreign languages " dated December 10, 2012, No. PP-1875 provides an analysis of the current system of organizing the study of foreign languages, which shows that educational standards, curricula, and textbooks do not fully comply with modern requirements, especially regarding the use of advanced information and media technologies, training is conducted mainly by traditional methods.

At present, teachers have wide opportunities for teaching theoretical and practical disciplines using various technical means. Many educational institutions boast language laboratories, multimedia classes, video rooms. In the classes, audio and video equipment, computer technologies, including the Internet, projectors of various types (digital projectors, etc.), interactive whiteboards [4] are actively used.

Among the problems theoretically and experimentally solved by the methodology of foreign languages, communicative competence and methods for achieving it are one of the most relevant. Mastering the communicative competence in French without being in the country of the language being studied is a very difficult matter. Therefore, an important task of a teacher is to create real and imaginary situations of communication in a foreign language lesson, using various methods and working methods (role-playing games, discussions, creative projects, etc.). No less important is the task of introducing students to the cultural values of the people - native speakers. For these purposes, the use of authentic materials (drawings, texts, sound recordings, etc.) is of great importance. Acquaintance with the life of French-speaking countries occurs mainly through the text and illustrations to it. It is especially important to give students a visual representation of the life, traditions, and linguistic realities of French-speaking countries. Educational video programs can serve this purpose, the use of which contributes to the implementation of the most important requirements of the communicative methodology. Moreover, the use of video in the classroom contributes to the individualization of training and the development of motivation for speech activity of students. It should be noted that the use of video in the lesson is the use of another source of information. In recent years, the question of applying new information technologies both in higher, secondary specialized educational institutions and in a comprehensive school. This is not only new technical means but also new forms and methods of teaching, a new approach to the learning process. The main purpose of teaching foreign languages is the formation and development of the communicative culture of students, teaching practical mastery of a foreign language. The teacher's task is to create the conditions for practical mastery of the language for each student, to choose such teaching methods that would allow each student to show their activity, their creativity [7,8].

To achieve the maximum effect, it is necessary to use a wide range of innovative, including, of course, a variety of media educational technologies in the learning process. Also, create multimedia PowerPoint presentations.

The use of computer presentations in the lessons allows us to introduce new lexical, country-study material in the most fascinating from; the principle of visualization is implemented, which contributes to the firm assimilation of information. Students' independent creative work on creating computer presentations is the best way to expand the supply of active vocabulary. The tasks of modernization of education cannot be solved without the optimal implementation of information technology, which gives impetus to the development of new forms and contents of traditional types of students' activities, which leads to their implementation at a higher level. Work with a computer should be organized in such a way that from the very first lessons of the initial stage of training it becomes a powerful psychological and pedagogical means of forming the need for a motivational plan for students, a means of maintaining and further developing their interest in the subject. Properly organized work of students with a computer can contribute, in particular, to the growth of their cognitive and communicative interest, which in turn will contribute to the activation and expansion of opportunities for students to work independently in mastering foreign languages, both in the lesson and outside school hours [5].

South Korea is the most widely used country in the world in the use of information and communication technologies in education, and it is now widely used in every classroom. For students, mobile phones and smartphones have been created

with educational resources for use in class, out-of-class and at home. There is also an active e-learning system with more than 700 e-learning companies.

In the Russian Federation, a lot of research has been carried out to develop education informatization and its use in the educational process. As a first step, the Russian national network of scientific and educational runnet.ru was formed within the framework of state programs of the Russian universities, uniting universities, large scientific and educational institutions, and the use of scientific-educational resources of educational institutions of the world. During the period 2001-2005, several educational portals were created to develop unified information and educational portal, with over 10,000 educational resources being provided to these created portals, and 42 regional distance learning centers were provided with information and communication facilities for training through the Internet [6].

ANALYSIS AND RESULTS

Information and communication technologies, which are constantly developing in the education system, serve to raise the educational process to a higher level. Of course, it is advisable to use modern techniques to make the learning process more meaningful. The use of modern means of a computer, multimedia, internet, distance learning, a single information environment, and information and communication technologies has been yielding tangible results.

The success of the pedagogical experiment performed during the pedagogical experiment testifies to the need to take into account its organizational and pedagogical aspects. Therefore, special attention was paid to these aspects. The organization of the experimental work was organized with the knowledge of the opinions and comments of the faculty at the Navoi State Pedagogical Institute. The experimental work was carried out among students studying in foreign languages at Navoi State Pedagogical Institute. A total of 211 students were selected for the experimental and control groups.

During the experiment, discussions, and observations were held with professors and students of computer science on key features of the information and educational environment. According to a survey of students, 45% of teachers believe that e-learning resources should be used in the classroom process, 40.3% believe that it is appropriate to use them independently, 14.4% can use difficult subjects and 0.3% do not contribute to the acquisition of knowledge.

Summary of the pilot phase The results of the number of data obtained in 2019 were analyzed and summarized, and a mathematical-statistical analysis was performed based on the Student-Fisher criterion to verify its reliability. It was found that the mean score of the experimental group was higher than that of the control group, which is 11.7% higher.

CONCLUSION

In conclusion, where there is no communication, its effectiveness in learning a foreign language is enhanced by the use of innovative technology techniques. We have addressed this in the methods described above in pedagogical technology. It promotes creativity, diligence, perseverance, independent thinking, and so on.

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