Section A-Research paper

PRINCIPLES OF ORGANIZING STREAMING TECHNOLOGIES IN ENGLISH LESSONS AT THE UNIVERSITIES

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Abstract: The article is about the scientific and theoretical basis for the development of students' scientific competencies on the basis of streaming technologies, their scientifically substantiated proposals to improve them on the basis of modern requirements and the combination of quality and effectiveness of education. The organization of streaming technologies in English lessons is based primarily on the classical classified principles of didactics. In this case, the principles of education can be divided into two groups: content-related and organizational-methodological principles of education. Streaming technologies are about students who focus on the comprehensive formation and development of the individual by updating the content, principles, forms and methods of educational activities of students, ensuring their interaction and unity.

Keywords: paradigm, trend, strimming, technology, skill, competence,didactic principles.

Introduction.The rapid development of the Internet, personal digital devices, and high-speed data transfer technologies has led to dramatic changes in the world of education. Therefore, in the world education system, special attention is paid to the study of the organization of education on the basis of innovative educational technologies on the basis of scientific research aimed at developing the creative thinking of young people. It is important for young people studying on the basis of streaming technologies to have a deep knowledge of their future profession, to

observe logically and consistently, to develop creative and divergent thinking, to accelerate language acquisition on the basis of market economy and socio-political requirements. In the current context of rapid growth of cultural, educational and socio-economic relations of the world community and our country with other countries, the interest in the introduction of innovative and information-communication models in the system of pedagogical education, effective use of tools and forms expands research. Introduce a competency-based learning model in the field of training and development, humanization of education in the context of the concepts of "Sustainable Development Goals (SDGs)" and "European Higher Education Area" (EHEA), adopted at the 70th anniversary session of the UN General Assembly Improving mechanisms for the continuous development of professional skills on the basis of "one of the strategic directions. This will ensure the integration of advanced foreign systems in the management and educational process of the development of future professional competencies of students on the basis of stream technologies. Streaming technologies in language learning in higher education institutions provide a wide range of opportunities to prepare, transmit and store audiovisual information on the screen of a personal digital device and webcam during distance learning using modern telecommunications services on the Internet. Scientific research aimed at ensuring active participation in the socio-cultural spheres is being carried out in the world's leading educational institutions. is becoming risky.

The development of science competencies in students based on streaming technologies is largely determined by the level of readiness of future staff for future careers, their knowledge, skills and abilities in English, creative features in the daily education system, quality and effectiveness of education. The rapid development of the Internet, personal digital devices and high-speed data transmission technologies (the development of new methods, forms and technologies of teaching online training courses, training modules for undergraduate programs, streamlined learning technologies are gaining popularity). Stream (translated from English. Stream - stream) - a series of video or audio received by the user through the transmission of data. The term is also used by Internet users as a slang name for live streaming on video hosting. In this regard, the development of science-based competencies in students based on streaming technologies is one of the most pressing issues, and it is reflected in the following:

application of teaching technologies and creation on their basis of methodical manuals, textbooks, developments, innovative pedagogical technologies on foreign languages based on various information and communication of new content; The development of innovative pedagogy and new pedagogical technologies, their focus on their application in pedagogical practice, innovative pedagogical principles are one of the main factors in the development of modern pedagogical science, but in the national pedagogical process the concept of innovative pedagogy , in terms of conditions, environment and goals, the pedagogical content

is not fully reflected, the process of development and implementation of innovative technologies in national pedagogy is lagging behind, the need to improve and accelerate the process of offering advanced pedagogical technologies, theoretical and practical aspects, including in higher education the need to develop a modern pedagogical model, methodology and technology of teaching foreign languages; As an organizer and facilitator of streaming technologies, the teacher's activity is purposefully equipped with various methodological developments of innovative nature, technology, which is considered to be the most unique resource for modern societies, ie the basis for building "human capital". insufficient attention is paid to the organization of teaching activities in higher education institutions in a new context. Therefore, it is necessary for the country's economy to cultivate well-rounded, modern knowledge, spiritual, competent, dynamic, creative, creative staff. In order to fulfill this task, the quality of the educational process, its provision with modern knowledge and innovative form and content, requires constant improvement of its essence. It is also particularly relevant. Educational activity of students on the basis of streaming technologies is a process of acquisition of knowledge, skills, abilities, competencies in English, a set of scientific, technological, organizational activities aimed at training new staff. One of the important directions of radical reforms in the higher education system of our country is the teaching of foreign languages, the introduction of innovative forms, tools and methods in this process. In this regard, the role of English in the country's economic, social and political relations with other countries, the use of information and communication systems in the teaching of foreign languages, electronic and multimedia textbooks are among the urgent tasks.

1. To study the state of theory and practice on the basis of the study of existing scientific, pedagogical, sociological, philosophical sources on the problem;
2. To determine the content, conditions, forms, means and methods of developing students' scientific competencies on the basis of streaming (stream) technologies;
3. Theoretical and practical substantiation of the fact that the development of students' scientific competencies on the basis of streaming technologies is a social necessity;
4. Development of a system of scientific and methodological recommendations based on streaming technologies that serve the development of students' scientific competencies, increase the effectiveness of the pedagogical process and determine its level of effectiveness. The organization of streaming technologies in English lessons is based primarily on the classical classified principles of didactics. In this case, the principles of education can be divided into two groups: content-based and organizational-methodological principles of education. In the work of didactics (O. Rozikov, M. Hasanov, V. Podlasiy, S.A. Slastenin, V. Pidkasistiy) it is clear that the relationship between teacher and student in the learning process should have a subject-subject description [76, 81, 88,112]. Therefore, it can be said that education is a joint activity necessary to train future members of society in a

common work, cooperation. his integration with knowledge and assimilation of culture has all taken shape in recent years. The principle of harmony of education with nature plays an important role in the development of students' learning activities based on streaming technologies. Providing students with study material in English classes will ensure that this knowledge is understandable to them. In general, the educational process should be consistent with the intellectual development of the student, that is, with its nature. In this case, education is considered as the creation of a worldview in man through the assumption in the world of cultures, the formation of a system of human relations with nature, other people, society, self.

The main part. Man acquires cultural values through his consciousness, will, emotions, cognitive abilities, as a result of which individual creativity is formed. The very manifestation of such individualism implies not only the inheritance and consumption of a culture, but also its development. Such an understanding leads to the formation of a new paradigm in pedagogy - new values in society that form the basis of person-centered education - the principle of harmony with culture, which reflects the manifestation of self-development, self-education and self-design. Lichnostno-obrazovatelnыe tehnologii, napravlennыe na vzaimosotrudnichestvo ”(Kazan, 2015). This means that although the above-mentioned goals and objectives in the field of education are understood, they are not sufficiently implemented. As a result, there is a slow approach to the development of competencies to be acquired by students on the basis of streaming technologies. The scientific principle of education pays special attention to the development of students' learning activities based on streaming technologies. In this case, it is important to create the right conditions for the student to reflect, understand and master the laws of the educational material. This principle implies that the content of education corresponds to the level of development of modern science and technology, the experience gained by world civilization. This principle requires that the content of education conducted during education and extracurricular activities should be aimed at acquainting students with the basic theories or concepts of a particular field, bringing them closer to the disclosure of objective scientific facts, events, laws, modern achievements and development prospects.

Continuing education is the foundation of higher education. Countries striving to build a knowledge-based society and a competitive economy are more concerned than ever about the need to constantly update the knowledge of the population, improve the skills of staff and expand professional development opportunities. It is a matter of close collaboration between universities and corporations. The nature of streaming technologies is primarily reflected in the educational content. The second factor in streaming technologies is the teacher-student relationship, the psychological environment, the on-line and off-line interactions of the learning process participants, and the teacher’s guidance on students ’cognitive activities. The developmental task of streaming technologies is reflected in the development

of the areas of speech, thinking, sensory and motor skills, emotional-volitional, intellectual. Student mental development in streaming technologies, methods of mental activity, analysis, comparison, classification From the influence of individual learning actions to the priority motive of the whole activity. Even becoming one of the leading motives for reading, curiosity can become an important part of the overall orientation that contributes to a person's spiritual enrichment. Like any motive, the interest in knowledge does not develop in isolation, its recovery goes hand in hand with other motives (moral, social, educational, etc.), the interest is enriched with them and has a positive effect on them. It is known that the model of the learning process reflects three components: teacher activity, student activity and intensive interaction of teacher and learner. From the point of view of constructive pedagogy, the teacher's interaction with students can be classified according to a number of features: according to the direction (with or without feedback); by type of information process (degree of orientation of the information process in the organization of interaction); according to the type of management and data transmission media. Based on streaming technologies, students show different levels of activity in the process of acquiring knowledge. That is why it is not correct to look at students from the perspective that they are slow to accept knowledge. Therefore, it is necessary to approach cognitive activity as follows: a low level of cognition, the attitude to which changes on the basis of an undeniable description of educational activity; situational activity as a transition from the bottom to the moderate stage; executive activity in the learning process; creativity that allows the student's subjective perspective to be revealed to the maximum. Summarizing the above, the indicators of cognitive activity are moderation, enthusiasm, awareness of learning, creativity, behavior in non-standard learning situations, independence in solving learning tasks, etc. Thus, the manifestation of student participation and activity in the learning process is an evolving, changing process. With the help of the teacher, students' cognitive activity shifts from a low level to situational activity, and from that to active performance. In many ways, it is up to the teacher whether the student's cognitive activity rises to the level of creativity or not. The importance of the principle of fundamentalism and practical orientation of education in the development of students' learning activities based on streaming technologies is that students undergo in-depth theoretical and practical training. This situation is expressed in traditional didactics as the principle of connection of education with life, theory with practice. Fundamentalism in reading implies that knowledge is scientific, complete and in-depth. It is characterized by high intellectual potential, the ability to think in a research manner, the desire to constantly replenish their knowledge and skills based on modern scientific and technological progress. Fundamental knowledge wears out more slowly than concrete knowledge, and it also depends more on a person and his or her memory, rather than on his or her ability to think. The fundamentality of education requires that the content of

knowledge be consistent, theoretically and practically interrelated. The principle of harmony of education and upbringing in the development of students' learning activities based on streaming technologies is based on the laws of unity of education and upbringing in the whole pedagogical process. This principle implies the formation of a harmoniously developed personality in the educational process. The effective conduct of education in the educational process depends on the intellectual development of the individual, primarily on the interests, cognition and individual abilities of students.

-practical knowledge of a foreign language in the professional field by types of speech;

-development of the student as a creative person;

-Development of skills and abilities to translate literature in the field;

Listening comprehension is important for the development of students' learning activities based on streaming technologies:

- understand the main content of professional authentic materials and get the necessary information;

-understand the news about daily events, reports, understand the speech of the protagonists of the film. Also speak:

- to communicate freely with language speakers and to prove their views and opinions on professional topics;

-know how to start and end a conversation, give suggestions and advice to the interlocutor, answer questions, exchange information, clarify the facts under discussion, discuss what they have read or heard;

- to speak on the basis of lexical and syntactic devices representing the main content of the English text;

-compose one's speech based on associative thinking, proving with reasoning, criticism, evaluation evidence;

-improve rhetorical dialogue skills;

-speech fao to participate in professional dialogues, conferences, symposiums, meetings and discussions.

The principle of systematization and coherence of education in the development of students' learning activities includes strengthening the teaching material and supplementing the previously covered materials, continuous and systematic independent work of students, taking into account the acquired knowledge and skills of students. .Consistency refers to the content of education, its form and methods, the interaction of subjects involved in the learning process. It allows to combine them into a single holistic learning process on the basis of gradual mastering of the laws of relation between separate partial (Greek partialis - partial) and special learning situations, subjects and events. , because complex problems cannot be solved without studying simple ones ”[p. 88,45]. Hence, the speed of mastering this or that learning material from English in a systematic and consistent manner allows us to analyze the interrelationships between its elements. The

structure and sequence of education allows the formation of the student's knowledge, skills and abilities in English, resolving the conflict between the holistic perception of being. This is primarily due to the creation of programs and textbooks in a specific system, ensuring interdisciplinary and interdisciplinary links. Visual thinking is especially important for students when using streaming technologies. Information is an integral part of the learning process. Students receive information in the learning process and process it in their minds. As a result of mastering it, students carry out certain educational and social activities. Today, within the framework of the theory of independent learning and organization of their activities, mechanisms have been created for the acquisition of information and their use in practice using non-regular means of an open nature. There are opportunities to use them effectively in the educational process. The pedagogical process organized through ICT serves to ensure the effectiveness of not only simple but also complex didactic situations. It is known that any information and communication technology is based on the principles of education, which represent a new project of the educational process, and should be focused on the individual student. Therefore, in the process of learning English, students exchange ideas, each of them is given the opportunity to learn within the limits of their abilities, needs, strengths and desires. In the development of students' learning activities based on streaming technologies, the principle of consciousness, activity and independence in education implies the organization of teaching in such a way that students consciously and actively acquire scientific knowledge and methods of their practical application. Conscious acquisition of knowledge depends on the following factors and conditions: learning motives, the level of activity of students, the effective organization of the educational process, the effectiveness of teaching methods and tools used by the teacher, and others. Students ’activities in mastering English can be reproductive and creative in nature. This principle implies the initiative and independent activity of students. In the development of students' learning activities based on streaming technologies, the principle of demonstration in education increases the quality of the teaching process, facilitates the acquisition of knowledge by students. The principle of appropriateness of education for these students plays an important role in the development of their learning activities on the basis of problem-based learning. In a group of students with equal opportunities, the idea of constructive conflict is valued as a credible, understandable principle. Conflicts of a constructive nature revolve around contradictions, ensuring that they are resolved through group discussion, requiring the use of convenient strategies for solving English-language tasks. Coordinating students ’perspectives allows them to freely express their views. Problem-based learning in a group of students should be organized as follows:

- creation of intellectual contradictions;

- Identification and elimination of contradictions through the use of ICT, strengthening the analysis of student behavior, ensuring the expected effectiveness of group activities;
- Ensuring that students engage in collaboration with themselves.

In this case, it is understood that the content of the material presented in English is worthy of its size, character, the level of English language proficiency of this or that group of students, general training - level and capabilities.

The content of streaming technologies has a description of improvement, and the main factors that determine it include:

1) the level of development of science, technology and culture in society;
2) social order placed by the company;
3) goals and objectives of education;
4) level of innovative development;
5) volume and scope of information;
6) features of the intellectual development of students, the scale of worldview.

In some cases, the essence of the educational process in higher education is not the development of students' needs and abilities, but the informational and verbal transfer of knowledge, skills and abilities in the field of education. Such reproducibly assimilated data do not sufficiently develop the student's practical work experience. As a result, students notice that a lot of information is accumulated in vain, the effectiveness of education is low and it does not correspond to reality. Rather, the student seems to be moving away from real life, with the goal of assimilating only the information previously collected. Defining the purpose of education in this way limits the activity of the student, as a result of which it loses both personal and social meaning. The only way out of this problem is to introduce a new, competent approach in higher education. Thus, the organization of English language classes on the basis of streaming technologies requires the improvement of technologies for the development of students' learning activities. This is a socio-pedagogical necessity, and the competent approach is a practical experience in terms of modernization of higher education, the consideration of competence and competence as didactic units, and the traditional three elements of education (triad) - "Knowledge - Skills - Skills" in six units (sequestration).) - "Knowledge - Skills - Qualifications - Practical experience - Competence - Competence". The content of the material presented in English should be appropriate to its size, character, the level of English language proficiency of this or that group of students, general training.

Conclusion. Despite the fact that the world conducts research on improving the technology of teaching foreign languages, the development of socio-linguistic knowledge, skills, abilities and competencies of students, the development of theoretical foundations for continuous improvement of language skills, the introduction of new models of students' learning activities, speech skills , as well

as the need to conduct research to systematize the knowledge and skills acquired through problem-based learning so that they have sufficient knowledge and skills.

Analysis of scientific sources, researches and developments In recent years, great attention has been paid in our country to the development of young professionals who have mastered foreign languages, in particular, English, which is a means of interstate culture. The study of world experience in terms of innovative technologies has shown the importance of its practical application on a critical basis. In order to develop students' learning activities on the basis of streaming technologies, it is necessary to rely on constructive conflicting methods and techniques, ICT tools. These cognitive contradictions pave the way for students to master English grammar and speech norms. In the development of students' learning activities on the basis of problem-based learning, the tasks presented in English lessons should be organized as follows:

- Assisting students in the acquisition of knowledge, skills, competencies, the development of competencies, creating opportunities for them to demonstrate their uniqueness;
- Carrying out joint activities of students, the formation of the necessary personal qualities;
- Ensuring that each student masters the language norms, develops mentally and emotionally;
- Ensuring the effectiveness of educational content based on Streaming technologies aimed at developing students' English language skills, their learning activities;
- creation of intellectual contradictions;
- Streaming technologies identify and eliminate inconsistencies that enhance analytics in student behavior and ensure the expected effectiveness of group activities;
- Ensuring that students engage in collaboration with themselves.

In this case, in English

References:

1. https://ru.wikipedia.org/wiki
2. https://slowari.ru/word
3. https://pedagogy.tadqiqot.uz/index.php/pedagogy/article/view/179/172

4. Rasulov, A., Madjitova, J., & Islomova, D. (2022). PRINCIPLES OF TOURISM DEVELOPMENT IN DOWNSTREAM ZARAFSHAN DISTRICT. *American Journal Of Social Sciences And Humanity Research*, *2*(05), 11-16.

5. Rasulov, A. B., Hasanov, E. M., & Khayruddinova, Z. R. STATE OF ENT ORGANS OF ELDERLY AND SENILE PEOPLE AS AN EXAMPLE OF

JIZZAKH REGION OF UZBEKISTAN. ЎЗБЕКИСТОН РЕСПУБЛИКАСИ ОТОРИНОЛАРИНГОЛОГЛАРНИНГ IY СЪЕЗДИГА БАҒИШЛАНГАН МАҲСУС СОН, 22.

6. Расулов, А. Б., & Расулова, Н. А. (2013). Опыт периодизации географических взглядов. *Молодой ученый*, (7), 121-123.

7. Nigmatov, A. N., Abdireimov, S. J., Rasulov, A., & Bekaeva, M. E. (2021). Experience of using gis technology in the development of geoecological maps. International Journal of Engineering Research and Technology, 13(12), 4835-4838.

8. Matnazarov, A. R., Safarov, U. K., & Hasanova, N. N. (2021). THE STATE OF INTERNATIONAL RELATIONSHIP BETWEEN THE FORMATION AND ACTIVITY OF MOUNTAIN GLACES OF UZBEKISTAN. *CURRENT RESEARCH JOURNAL OF PEDAGOGICS*, *2*(12), 22-25.

9. Saparov, K., Rasulov, A., & Nizamov, A. (2021). Making geographical names conditions and reasons. World Bulletin of Social Sciences, 4(11), 95-99.

10. РАСУЛОВ, А. Б., & АБДУЛЛАЕВА, Д. Н. (2020). ПЕДАГОГИЧЕСКИЕ И ПСИХОЛОГИЧЕСКИЕ АСПЕКТЫ РАЗВИТИЯ НАВЫКОВ ИСПОЛЬЗОВАНИЯ САЙТОВ ИНТЕРНЕТАВ ПРОЦЕССЕ повышения квалификацииРАБОТНИКОВ НародНОГО ОБРАЗОВАНИЯ. In *Профессионально-личностное развитие будущих специалистов в среде научно-образовательного кластера* (pp. 466-470).

11. Kulmatov, R., Rasulov, A., Kulmatova, D., Rozilhodjaev, B., & Groll, M. (2015). The modern problems of sustainable use and management of irrigated lands on the example of the Bukhara region (Uzbekistan). *Journal of Water Resource and Protection*, *7*(12), 956.

12. Saparov, K., Rasulov, A., & Nizamov, A. (2021). Problems of regionalization of geographical names. In *ИННОВАЦИИ В НАУКЕ, ОБЩЕСТВЕ, ОБРАЗОВАНИИ* (pp. 119-121).

13. Rasulov, A., Saparov, K., & Nizamov, A. (2021). THE IMPORTANCE OF THE STRATIGRAPHIC LAYER IN TOPONYMICS. *CURRENT RESEARCH JOURNAL OF PEDAGOGICS*, *2*(12), 61-67.

14. Nizomov, A., Rasulov, A., Nasiba, H., & Sitora, E. (2022, December). THE SIGNIFICANCE OF MAHMUD KOSHGARI'S HERITAGE IN STUDYING CERTAIN ECONOMIC GEOGRAPHICAL CONCEPTS. In Conference Zone (pp. 704-709).

15. Rasulov, A., Alimkulov, N., & Safarov, U. (2022). THE ROLE OF GEOECOLOGICAL INDICATORS IN THE SUSTAINABLE DEVELOPMENT OF AREAS. *Journal of Pharmaceutical Negative Results*, 6498-6501.

16. Nizomov, A., & Rasulov, A. B. (2022). GEOGRAPHICAL SIGNIFICANCE OF THE SCIENTIFIC HERITAGE OF MAHMUD KASHGARI. Journal of Geography and Natural Resources, 2(05), 13-21.

17. Rasulov, A. (2021). The current situation in the district of lower zarafshan plant species-eco-indicator. *ASIAN JOURNAL OF MULTIDIMENSIONAL RESEARCH*, *10*(4), 304-307.

18. Berdiqulov, R. S., & Yakubov, Y. Y. (2022). TALABALARGA MUSTAQIL ISH TOPSHIRIQLARINIBAJARTIRISH SHAKLI VA BAHOLASH TARTIBI. *Solution of social problems in management and economy*, *1*(4), 48-55.

19. Shavkatovich, B. R. (2017). Deduction of chemical thought. *European research*, (5 (28)), 62-68.

20. https://scholar.google.ru/citations?view_op=view_citation&hl=ru&user=mzbOeBcAAAAJ&cstart=20&pagesize=80&citation_for_view=mzbOeBcAAAAJ:dhFuZR0502QC.

21. https://scholar.google.ru/citations?view_op=view_citation&hl=ru&user=mzbOeBcAAAAJ&cstart=20&pagesize=80&citation_for_view=mzbOeBcAAAAJ:4DMP91E08xMC

22. https://scholar.google.ru/citations?view_op=view_citation&hl=ru&user=mzbOeBcAAAAJ&cstart=20&pagesize=80&citation_for_view=mzbOeBcAAAAJ:_FxGoFyzp5QC.