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Ways to Increase Educational Efficiency with Innovative Technologies

Nurmamatov Zuxriddin Shavkat o'g'li
Lecturer at Termez State University, Termez, UZBEKISTAN

ABSTRACT: The article discusses the essence of modern education, comprehensive coverage of pedagogical activities and the use of new forms of teaching methods in future technology teachers, such as professionalism and a creative approach to the lesson.

KEYWORD: innovation, activity, teacher, student, technology, lesson, collaboration, goal, result, effectiveness.

Nowadays, the interest and attention to the use of interactive methods, innovative technologies, pedagogical and information technologies in the educational process is increasing day by day, one of the reasons for this is that until now traditional In education, students are taught to acquire ready-made knowledge, but modern technologies teach them to search for the acquired knowledge by themselves, to study and analyze independently, and even to draw their own conclusions[1].

In this process, the future technology teacher creates conditions for the development, formation, learning and education of a person, and at the same time performs the functions of management and guidance.

The place and role of innovative technologies is huge. Knowledge, experience and interactive methods of pedagogical technology and pedagogic skills ensure that pupils - students acquire knowledgeable and mature skills.

INNOVATION (English innavation) is innovation, innovation.

Innovative technologies are innovations and changes in the pedagogical process and the activities of teachers and students, and interactive methods are used in its implementation. Interactive methods are called group thinking, that is, they are methods of pedagogical influence and are a component of educational content. The uniqueness of these methods is that they are implemented only through the joint activity of the pedagogue and the student.

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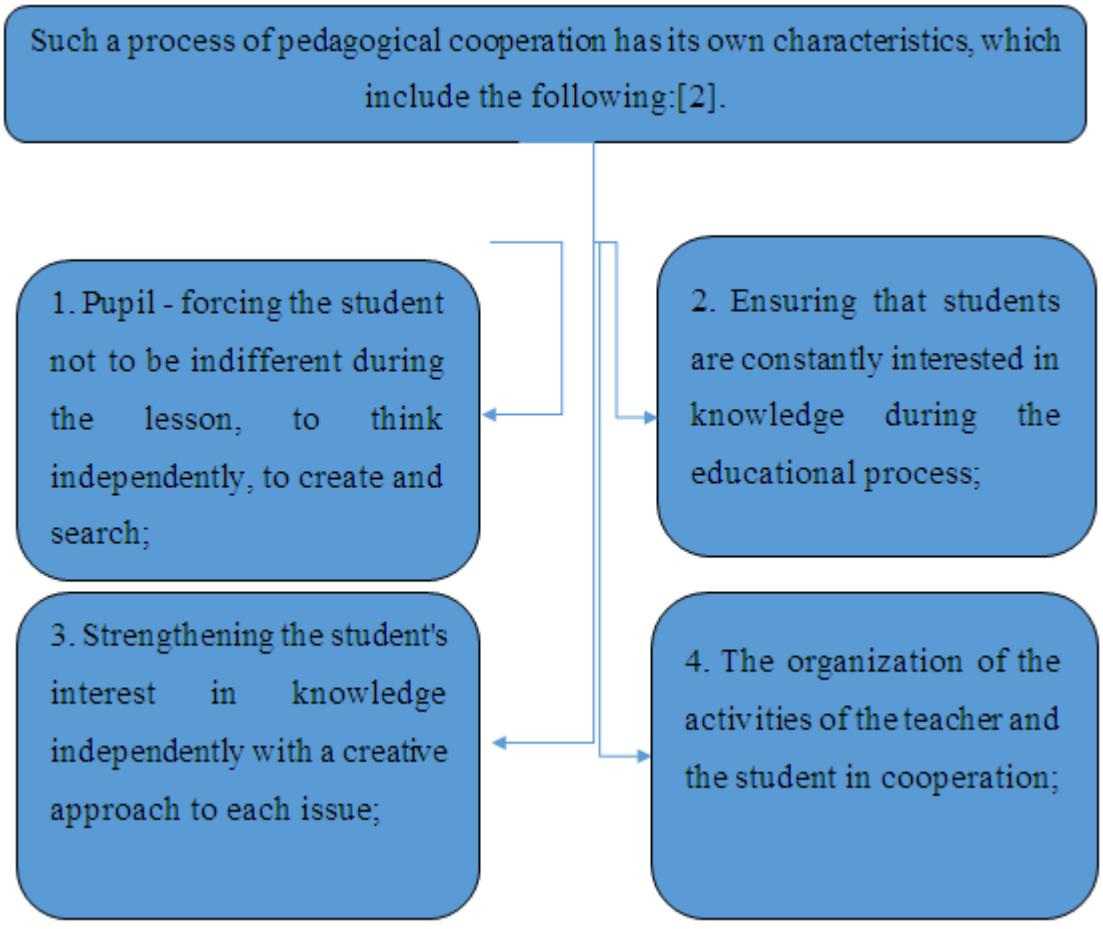

In the opinion of teachers, researchers, and practitioners studying the issues and problems of pedagogical technologies, pedagogical technology is related only to information technology, and TSO, computer, distance learning, which must be used in the teaching process. defined as winter or the use of different techniques [3].

In our opinion, the main basis of pedagogical technology is that it depends on the chosen technologies for the cooperation of the teacher and the student - the student from the set goal to achieve the guaranteed result, that is, it helps to achieve the guaranteed result according to the goal during the teaching process. every educational technology used can organize cooperative activities between the teacher and the pupil - student, both can achieve positive results, if the pupil - students can think independently, work positively, and be sought during the educational process , if they can analyze, make their own conclusions, evaluate themselves, the group, and the group, and the teacher can create opportunities and conditions for such activities, in our opinion, this is the basis of the teaching process. Each lesson, topic, educational subject has its own technology, that is, pedagogical technology in the educational process is an individual process, which is directed to one goal based on the needs of the student. is a pedagogical process aimed at providing a pre-planned and guaranteed result.

This idea can be expressed as follows: [4].

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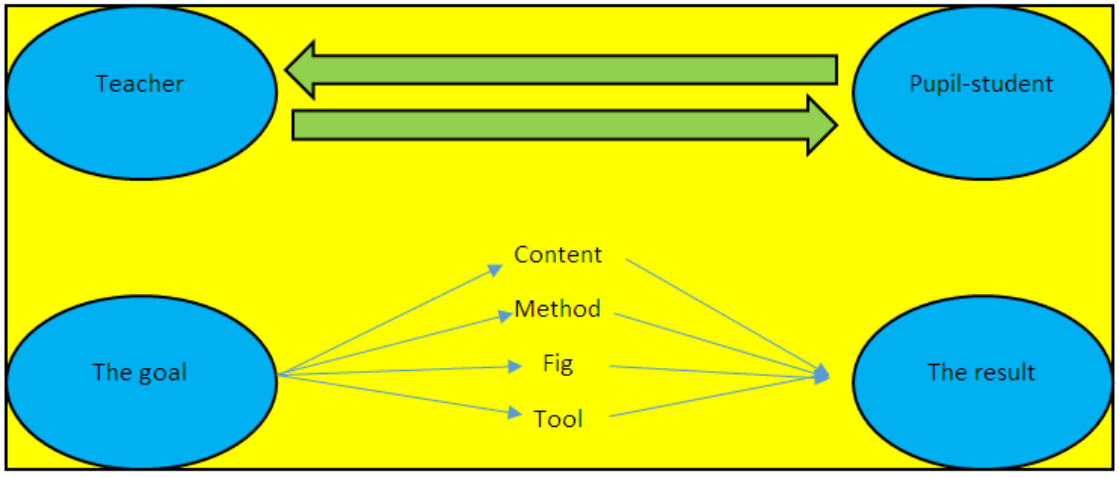

As can be seen from the above drawing, the realization of the goal and the achievement of a guaranteed result depend on the cooperative activity of both the teacher and the student, as well as the goal they set, the chosen content, method, form, tool, i.e. technology.

It is up to the future teacher of technology and the student-student to choose the technology to achieve the goal, because the main goal of both sides is clear: to achieve the result, which is used depending on the level of knowledge of the student-student, the nature of the group, the situation technology is chosen, for example, to achieve the result, it is necessary to work with a computer, perhaps a film, handouts, drawings and posters, various literature, information technology are needed, it depends on the teacher and the student - the student [5].

In addition, it is necessary to plan the teaching process in advance, in this process, the teacher organizes the specific field of the subject, the place and conditions, TSO, most importantly, the opportunity and need of the pupil - student, as well as the cooperative activity. should be taken into account, only then, the desired guaranteed result can be achieved. In short, the student should be brought to the center of education.

It is necessary for the future technology teacher to be able to see each lesson as a whole and design the future lesson process. It is very important for the teacher to create a technological map of the upcoming lesson. Because the technological map of the lesson is created based on the characteristics of each topic, the subject taught for each lesson, the capabilities and needs of students. [6].

TECHNOLOGICAL MAP

Subject		
Goals and objectives	To explain to the students the essence, importance, basics and order of the subject.	
The content of the educational process		
Technology of educational process implementation	Method, Form, Tool, Method, Control, Evaluation:	
Expected results	Teacher's achievement. The student's knowledge of the subject.	
Future plans	Teacher: Improving the ability to use new pedagogical technologies. Reader - student: Learning to think independently.	

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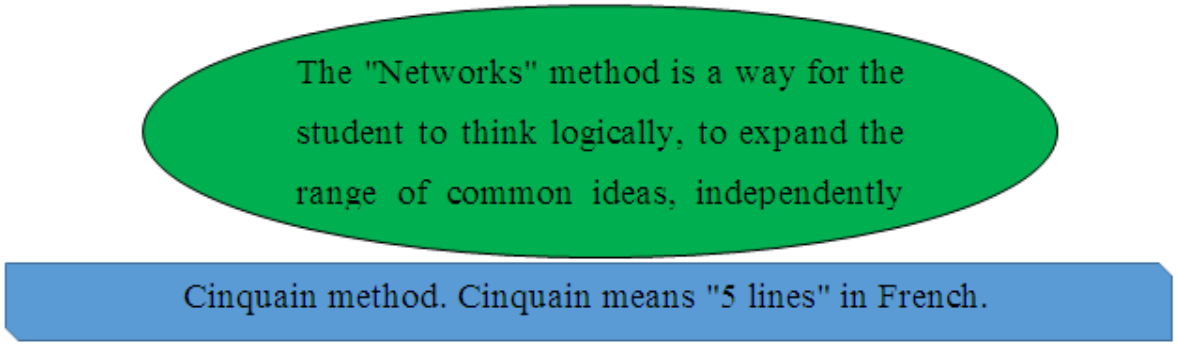
The technological map prepared by the future technology teacher for each subject of the subject, each lesson, will help him to visualize and understand the science and its subject as a whole. The beginning of the process helps to distribute it from the goal and according to the achieved result. In particular, the creation of the technological map based on the possibilities and needs of the student will bring him to the center of education as a person. This makes it possible to increase the effectiveness of teaching [7].

In the process of teaching, students are treated as individuals, various pedagogical technologies and modern methods are used to enable them to think independently, freely, to research, to approach each issue creatively, to feel responsibility, to carry out scientific research, to analyze scientifically. to make effective use of literature, and most importantly, to increase their interest in reading, science, pedagogy, and their chosen profession.

Achieving such a result in practice requires the use of innovative and information technologies in the educational process. They are very diverse. We will dwell on some of them and give a guide on how to conduct them. The modern methods presented in this methodological guide, or technological trainings that help to increase the effectiveness of teaching, help students to form logical, intellectual, creative, critical, independent thinking, develop their abilities, become competitive, mature specialists and, as necessary for the specialist, helps to educate professional qualities [8].

The users of this methodical manual do not need to conduct the mentioned technological trainings in the same order for the organization of the educational process, each teacher can create his own lesson technologies taking the general form of these trainings, complete the given trainings or they can use some of their stages, elements.

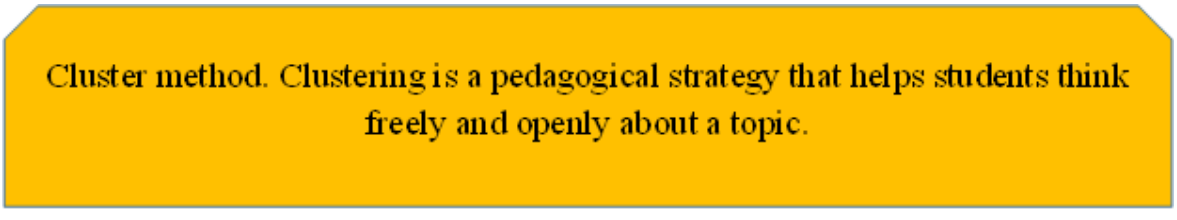
Below we will describe some trainings that can be used in the training process, and give methodological recommendations on the procedure for conducting some of them:[9].



Interfaol Usullar

Cinquain is an unrhymed poem that helps to synthesize (bring together) information, in which information about the studied concept (event, event, topic) is gathered, and the reader asks zi is expressed in different variants and through different perspectives.

Syntax is an important skill for expressing complex ideas, intuitions, and feelings in just a few words. The process of creating a syncway helps to better understand the topic [10].



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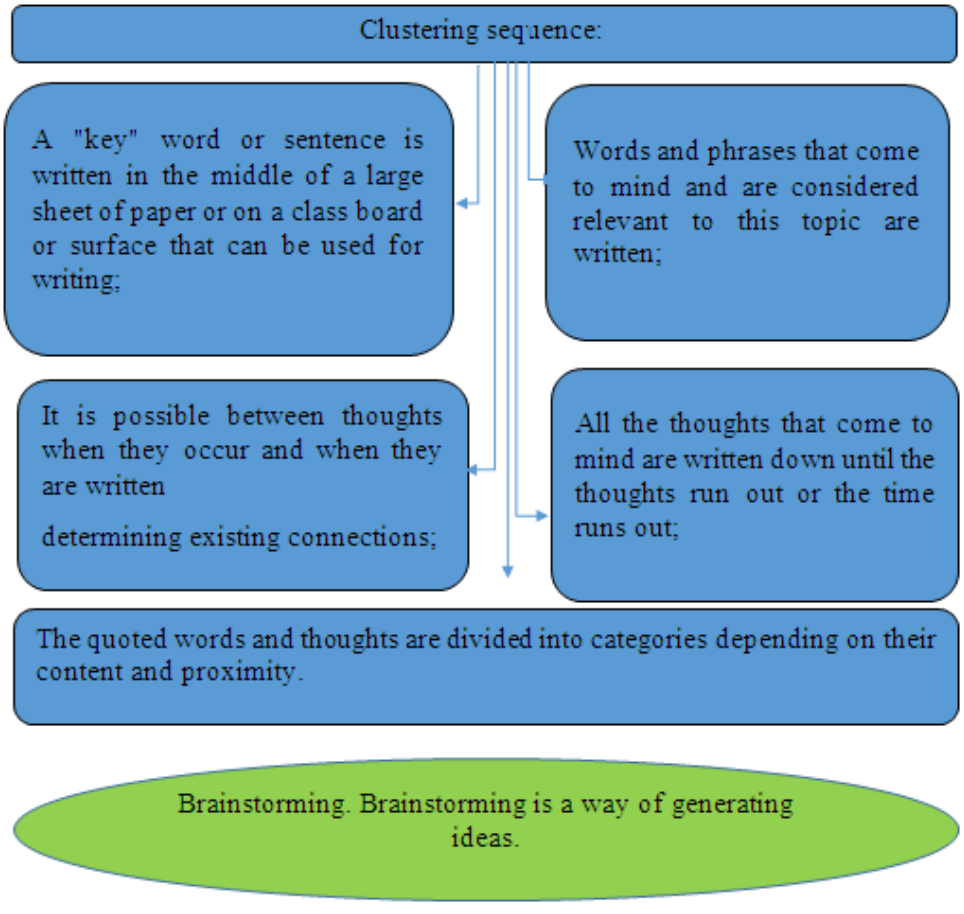
This method develops multivariate thinking, the skills of making connections between the studied concepts (events, events). The word "cluster" means a group. Clustering can be used to stimulate thinking at the stages of invitation, realization, and reflection.

It is basically a strategy for awakening new thoughts, reaching existing knowledge, and invites new thinking on a specific topic.

The "3x4" method is aimed at students' free thinking, the ability to present various ideas in a wide range of ways, the ability to analyze, draw conclusions, and give definitions during the educational process individually and in small groups.

It is advisable to use clustering before thoroughly learning a new topic.



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The essence of this method is to divide the problem-solving processes into several stages (generation of ideas, their critical and constructive development) based on team cooperation.

Purposeful use of "brainstorming" develops students' creative and non-standard thinking. In order to apply the method, a problem is put before the first group. All students participate in the discussion about the solution to this problem and express their opinions. In this case, disputants are given the opportunity to freely say "whatever comes to mind" without criticism or justification. At the initial stage, no one has the right to "attack" or evaluate other people's ideas. "Through brainstorming, there are opportunities to come up with dozens of ideas in a few minutes [11].

B-B-B (we know, we want to know, we know) table. One innovative way is to work with the B-B-B (we know, we want to know, we know) table. "B-B-B- (we know, we want to know, we know) method is a graphic organizer for monitoring the understanding of the text during training."

The conclusion shows that the effectiveness of education increases through interactive methods, mutual cooperation between the teacher and the pupil - student; students develop and develop free creative thinking skills. In this innovative approach, the personality of the student becomes a central figure in education. Therefore, it would be appropriate to give a more detailed definition of innovative activity.

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