

IMPROVING TECHNOLOGY TEACHING WITH THE HELP OF NEW PEDAGOGICAL TECHNOLOGIES

Ganiyeva Guzal Ismatillayevna,

2nd Category Technology Science Teacher of Specialized State
Comprehensive School No. 15, Chirchik City, Tashkent Region

Abstract:

In this article, it is reflected that the selection of methods in the process of practical training in the teaching of technology is considered one of the most important tasks, if the appropriate method is chosen incorrectly, the joint activity of the teacher and the student will be ineffective, and the selection of new methods of teaching is carried out based on certain principles.

Keywords: Motivation, method, ICT, educational method, steam, service

It is known that the science of technology is included in the STEAM sciences. Therefore, to teach the subject at the level of world standard requirements, each teacher of technology subject must have high knowledge and skills.

We pedagogues are responsible for raising the young generation to become well-rounded people and providing quality education. In order to successfully solve these tasks, it is important for every pedagogue to have a creative approach to the educational process, to be aware of the essence of modern educational technologies and to be able to use them effectively in the educational process.

In the article, the organization of technology classes in general secondary schools based on modern educational methods, recommendations for increasing students' interest in their classes and educational efficiency, lesson developments prepared on the basis of new methods in the direction of "Service Service", general methodological recommendations for technology recommended for use by teachers of secondary schools.

Nowadays, in the course of education, students acquire certain knowledge and skills. These knowledge and skills are mastered with the help of different means of meaningful education and different methods. It was created as a methodical support for teachers in increasing students' interest and activity in the lesson, using modern educational technologies and methods to organize lessons and enrich the content of education.

In order to develop the education system in our country, it is important to know what affects people's knowledge, outlook and mentality, and what changes are taking place in the minds of people in all regions of Uzbekistan, which has a rich intellectual potential. Therefore, the functional-structural parts are not the personal knowledge of the pedagogue and the student, but depend on the implementation of the modern tasks of the educational methodology. It is difficult to imagine the development of the society without fully qualified teachers. The training of qualified pedagogues-specialists largely depends on their methodical training. The school's curriculum is not limited to providing students with technology-related knowledge, but also undertakes the formation of necessary skills and competences in them. It is necessary for each student to independently acquire knowledge based on the skills and qualifications they have acquired at school. According to the national program of personnel training in our country, regular education of students at all stages of continuous education, development of their need for education, work skills, independent creative thinking, formation of a conscious attitude to the choice of profession and the environment, respect for national and universal values, young people. An important task is to educate in the spirit of love and loyalty to the country and people. This requires a significant increase in the role of teaching methods in the training of highly qualified pedagogical personnel. Acquiring knowledge and practical experience in the field of educational theory and methodology requires pedagogical skill from a technology teacher.

NEW PEDAGOGICAL TECHNOLOGIES

Nowadays, in the course of education, students acquire certain knowledge, skills and abilities. Learning material is mastered with the help of different means of meaningful education and with different methods. Therefore, the teacher is faced with the problem of acquiring ways that help to teach and study more successfully and effectively. The search for different forms of studying educational materials begins with understanding the goals and tasks of the lesson.

The choice of methods in the process of practical training in the teaching of technology is one of the most important tasks. If the appropriate method is chosen incorrectly, the joint activity of the teacher and the student will be ineffective. Therefore, the choice of teaching methods should be based on certain principles. In order to successfully solve these tasks, it is important for every pedagogue to have a

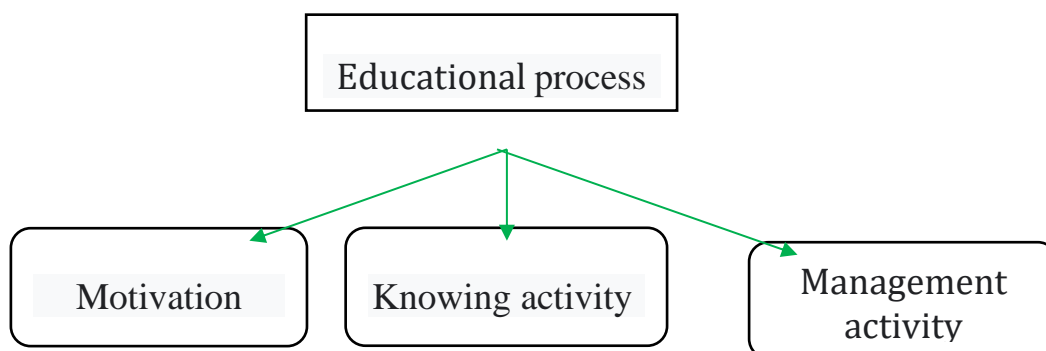


creative approach to the educational process, to be aware of the essence of modern educational technologies and to be able to use them effectively in the educational process.

We know that each theory has its own methodological foundations. While talking about the essence of the theory of educational technology, first of all, it is necessary to understand the basic meaning of the concept of educational technology.

The word "technology" is a Greek word derived from the combination of the words "techne" - skill, art, and "logos" - concept, doctrine. The concept of "Educational technology" means a science that provides information on bringing the educational process to a high level of skill and art.

Therefore, it is necessary for the teacher to organize the educational process with high skill and creativity on the basis of modern pedagogical technologies, and to help the students acquire knowledge. The teacher should create a need for education in the student, create an environment and teach him to feel responsibility. Goals and objectives are set before each lesson. To achieve this, the teacher works together with the students. This learning process consists of three parts, which include motivation, cognitive process and management process.



Based on internal motivation in teaching, there should be motivation (desire, need) for both the student and the teacher in the learning process. During the educational process, students must consciously understand that the desire to acquire knowledge becomes an internal necessity, that the student must acquire knowledge, skills and abilities in order to enter real life and actively participate in it.

Because the main sign of our current society is the free search to understand the world and find a worthy place in it. In education, we should move from the call to the student, "you must know this", to the inner desire and confidence, "I need this and I know this, I am able to apply it in life".

For this, we need to organize the educational process based on new teaching methods.

New pedagogical technology is a teaching about pedagogical innovations, their evaluation and their assimilation and practical application by the pedagogical team. The theory and practice of pedagogical technology is based on:

- Optimizing the educational process.
- Creating favorable conditions and achieving results by spending less time and less effort.

Modernity, introduction of scientifically based didactic innovations to pedagogical practice, new order rules.

Use of new methods, new tools, continuous research and research in education

- Intelligent organization of student and teacher activities, thorough knowledge of the purpose and content of education, the use of educational methods and technical tools
- Development of new didactic materials and their use in the acceleration of the information and pedagogical process, acceleration of the pedagogical process; development of didactic materials that increase the efficiency of the use of information technology and technical tools and their application;
- Objective evaluation of the results of the educational process.

One of the main tasks of teaching technology lessons to students is to develop the skills of processing materials in students and to provide them with the corresponding knowledge. This work is carried out gradually from the first grade, because students are not yet able to remember the process of making the simplest items. In technology classes, students learn the first stages of preparation for social production work. In the first grade, students first of all get acquainted with the material that they will encounter not only in class activities, but also in other classes. They learn about working with paper and cardboard, preliminary processing of gauze, working with various materials, self-service and household work, and so on. In the process of practical work, students are taught about hard work, economical use of materials, creative approach to work, careful attitude to nature, education of labor culture and some professions. Acquired skills improve with repeated practice. In order to avoid mistakes, it is necessary to accustom students to self-control. The work should not be accepted from the students until they find and correct the mistakes made in the process of completing the tasks and make sure that the completed work is correct.



In the process of performing practical tasks, new skills and competencies are formed. For this, it is very important to know the peculiarities of using hand tools, the characteristics of materials, and the characteristics of the products being made.

At the beginning of the lesson, while the teacher conducts a conversation on a topic, he explains the purposes for which this object is used, that is, where it is used, and then the students use each of the prepared objects in practice. The method of preparation of the item can be shown by the teacher using a route map posted on the classroom blackboard or technical tools. After that, he repeats the material by asking questions related to the order and methods of doing the work, and proceeds to prepare the item together with the students.

1. To put the purpose and topic of the assignment in front of the students:
 - a) the importance of the item or work intended to be performed in classes in satisfying certain needs of students' lives;
 - b) show what new knowledge and skills need to be acquired in order to perform the assigned work well.
2. Checking the readiness of the workplace, equipment, material, samples, drawings on the board, reminding of the rules that help to organize the work well and organized.
3. Pre-planning of work tasks to be performed:
 - a) analysis of the quantity of samples, parts and details, preparation of necessary materials, given measurements;
 - b) familiarizing and understanding the image of the product and its details from the sample, finding and reading all measurements and working lines, i.e. determining what actions to perform, what tools to use, and the sequence of work actions to prepare the work.
4. Specifying the material according to the sample and given dimensions. Pupils should know the marking procedure and it should be done simultaneously with the teacher who is performing the steps of marking on the board or showing the item and explaining it.
5. Marking works. Preparation of details, adjustment of details and assembly of all its details; acquisition of knowledge and skills necessary in the process of assembling an article from details, in the process of processing the article and its details.
6. On-the-fly inspection, correction of errors and defects, evaluation of work.

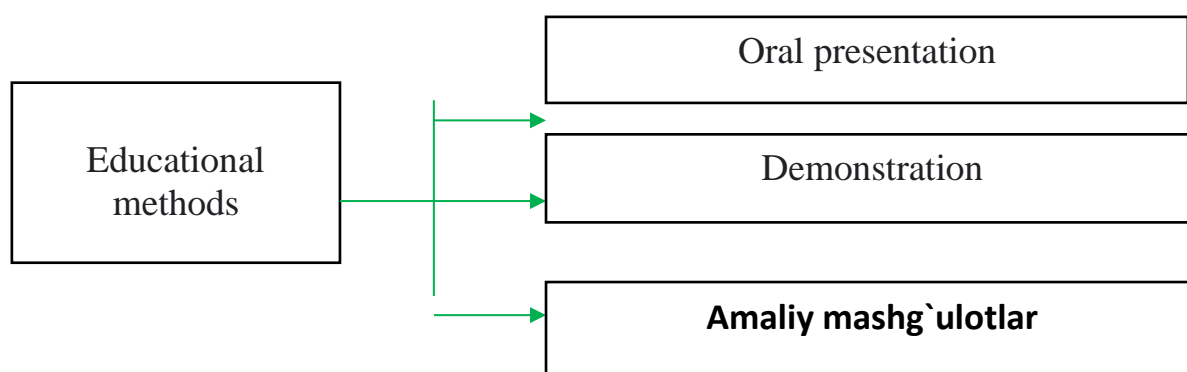


7. End the lesson, set new tasks.

If the teacher uses different methods and methods of teaching and organizes interesting activities outside the classroom, they will achieve good mastery results and instill love and interest in knowledge. Also, while teaching manual labor, students will be taught knowledge and skills in the field of life, creative abilities and interest in learning, independent activity will be instilled in them. it is necessary to help to grow. Teaching methods should serve the acquisition of knowledge at such a level that students can draw the object according to any size and apply the acquired knowledge in practice, not based on the dimensions drawn by the teacher.

EDUCATIONAL METHODS

Educational technology is the general content of the process of achieving the educational goal, i.e., step-by-step implementation on the basis of a previously designed integrated system, development of a specific system of methods, methods and tools to achieve a specific goal, their effective use, and education represents a high level of process control. The success of the educational process depends not only on its form, but also on the effectiveness of the methods used. The educational method is a method of joint activities of teachers and students aimed at achieving a specific goal in the educational process. Educational methods can be expressed as follows.



During the oral presentation, it is necessary to ask questions and use visual aids in order to ensure that students do not become passive listeners, to increase their activity and to ensure that they think about the topic.

This allows for in-depth assimilation of practical knowledge on a specific subject with little effort and time. Also, by using various innovative teaching methods in the

course of the lesson, a good result is achieved in increasing the knowledge efficiency of the students.

As a result of the use of different game methods in the lesson, all the students in the class pay attention to the lesson, increase their activity, and at the same time, the student is able to combine his interests with the interests of the team, helps each other and is happy with the success of his friend.

It teaches students to think logically by using picture and quick test, logical questions, rebus and puzzles during the lesson.

To sum up, teaching methods mean that a creative approach to pedagogical activity, while ensuring that the lessons are interesting, creates the ground for the thorough acquisition of knowledge by students on each subject. In fact, the repetition of educational activities in the same way leads to boredom of the student. As a result, it creates a feeling of indifference, indifference, irresponsibility to learning among students.

It should be noted that the organization of pedagogical activity based on the technological approach has a creative and individual character. The use of new pedagogical technologies depends on the level of professional skills and creativity of each pedagogue.

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