

The Importance of Innovative Technologies in Technological Education

Safarov Feruz Saminjon o'g'li

Termiz State University, Teacher of the technological education department, Termiz, Uzbekistan
safarovferuz254@gmail.uz

-----***-----

Abstract: This article gives you a brief overview on innovative technologies in education.

Keywords: Pedagogical technology, auxiliary teaching aids, technical means of teaching.

Education is rising to a new level, students' level of thinking is expanding, getting information is becoming easier, in the process of such growth, failure to use innovative technologies in teaching reduces the effectiveness of the lesson. In such cases, the teacher conducts lessons with a thorough approach to his profession if he organizes it, he will be respected for a lifetime. Today, the scope of information has greatly expanded. If the teacher does not work on his previous knowledge it was not enough. The subjects of the lesson are tense events in everyday life if it is connected, if various innovative technologies are used, the lesson will be remembered can be achieved. Using innovative methods, the teacher teaches students it is necessary to supplement the lesson with ecological-hygienic knowledge, connecting interdisciplinary.

Innovative technologies in education allow to organize learning and direct it in the right direction. People have always been afraid of the unknown and new things, they have a negative reaction to any changes. Stereotypes that exist in the public mind and affect the usual way of life lead to painful events and prevent the renewal of all types of education. The reason why people do not want to accept innovations in modern education is because they block the vital needs for comfort, security and self-affirmation. Innovative behavior does not mean adaptation, it implies the formation of one's own personality, self-development.

The main basis of pedagogical technology is the technology chosen for the cooperation of the teacher and the student to achieve a guaranteed result from the set goal. Each educational technology used in the teaching process to achieve a guaranteed result according to the goal should be able to organize cooperative activities between the teacher and the student, both of them can achieve a positive result, the student in the educational process students can think independently, work creatively, research, analyze, draw their own conclusions, evaluate themselves, the group, and the group, and the teacher can create opportunities and conditions for such activities. is the basis.

The teacher should understand that innovative education is a way to educate a well-rounded person. "Ready-made templates" are not suitable for him, it is important to constantly improve his intellectual level. A teacher freed from "complexes" and psychological barriers is ready to become a full participant in innovative changes.

One of the tasks of the modern school is to reveal the possibilities of all the participants of the pedagogical process, to provide them with opportunities to show their creative abilities. Solving these problems is impossible without the implementation of the variability of educational processes, in connection with which there are various innovative types and types of educational institutions that require deep scientific and practical understanding.

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.

Educational tools - visual presentation of educational material and thus together, they are auxiliary materials that increase the effectiveness of teaching.

Technical means of teaching - demonstration of educational material helps students to understand and remember the learning material.

the following can be an example: slide projector, overhead projector, blackboard-notebook, board-stand.

Educational aids - graphs, drawings, samples, handouts materials etc.

Educational and methodological materials - educational materials, exercises to strengthen the acquired educational materials. These help to activate students' independent work (worksheet, notes, checklist, texts).

Helping students to accelerate learning activities

The selection and use of different types of educational tools depends on:

1. Setting the goal;
2. To the main source of knowledge;
3. To the method of education;
4. Newness and complexity of educational material;
5. To students' educational opportunities.

Innovative technology- (innovation in English "innovate" - innovation, innovation, and technology from the Greek "technos" - art, skill and "logos" - science)

means a new approach to educational forms, methods and methods.

Innovative technologies are innovations and changes in the pedagogical process and activities of teachers and students.

The approximate stages of learning the subject are as follows we know:

1. The topic and its plan are given;
2. The results of educational activities are mentioned;
3. The topic and its importance are briefly discussed;
4. The teacher explains the sequence of the topic based on the technological project must be suitable for its purpose;
5. Problematic situations about the topic questions, attracting students' attention generation;
6. To work with educational literature or handouts during the explanation process importance is given;
7. Basic concepts from the student's handout or educational literature create an opportunity to organize reading and writing;
8. Checking the level of learning the topic by asking students oral questions by going (for example, what is the essence of the concept of analytic geometry?);
9. Comment or fill in students' answers, correct answers encouragement;

Today's task of school education is a new innovation of teachers to students using information technologies effectively during the lesson providing information clearly and comprehensibly. that is why

During the lesson, the teacher explains mathematics to the students in a clear and understandable way it is appropriate to organize and teach classes using new innovative modern information technologies.

Interactive methods help to learn new material with high quality. These include: - creative exercises; - group assignments; - educational, role-playing, business games, imitation; - lessons, excursions; - meetings with artists and experts; - activities aimed at creative development - performance classes, filming, publishing newspapers; - use of video materials, Internet, view; - solving complex questions and problems using "decision tree", "brainstorming" methods. Therefore, innovative methods of teaching at school help to develop cognitive interest in children, teach to systematize and generalize the studied material, discuss and argue.

In short, the quality and efficiency of teaching of specific sciences modern information technologies in order to improve pedagogical technologies

It is recommended to use the following comprehensively, taking into account the specific characteristics of 3 types of educational activities: lectures, practical and laboratory activities. Modern methods and technological trainings that help to increase the effectiveness of education help to develop logical, intellectual, creative, critical, independent thinking in students, develop their abilities, become competitive mature specialists and educate positive professional qualities.

REFERENCES:

1. S. Alikhanov "Methodology of teaching mathematics". creative house of publishing house named after Cholpon. Tashkent-2011.
2. Educational complex on the module of innovative approaches in teaching mathematics. Termiz - 2020.
3. State educational standard and curriculum in mathematics of general secondary education. Tashkent-2017.
4. Алексеева, Л.Н. Инновационные технологии как ресурс эксперимента/ Л. Алексеева// Учитель.— 2009.— № 3.— с. 28..
5. Ожегов, С.И., Шведова Н.Ю.. Толковый словарь русского языка. Издательство «Азъ», 1992.
6. Селевко, Г.Я. Освоение технологии самовоспитания личности школьников: как стать экспериментальной площадкой/ Г.Я. Селевко// Народное образование.— 2015.— № 1.— с.181.
7. Загвязинский, В.И. Инновационные процессы в образовании и педагогическая наука/ В.И. Загвязинский// Инновационные процессы в образовании: Сборник научных трудов.— Тюмень, 2013.— с. 8.