

THE IMPORTANCE OF INNOVATIVE TECHNOLOGIES IN ASTRONOMY TEACHING

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Abstract: *This article presents concepts about innovative technologies in education.*

Key words: *Pedagogical technology, auxiliary educational tools, technical tools of education.*

Education is moving to a new level, the students' level of thinking is expanding, it is easier to get information, in the process of such growth, not using innovative technologies in teaching reduces the effectiveness of the lesson. In such cases, a teacher will be respected for a lifetime if he organizes classes with a thorough approach to his profession. Today, the scope of information has greatly expanded. If the teacher does not work on himself, his previous knowledge is no longer enough. If the topics of the lesson are connected with the acute events of everyday life, if various innovative technologies are used, the lesson can be remembered. It is necessary for the teacher to fill the lesson with ecological-hygienic knowledge to the students using innovative methods, connecting interdisciplinary.

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 cooperation between the teacher and the student, both of them should be able to achieve a positive result, the student in the learning process Students should be able to think independently, work creatively, research, analyze, draw their own conclusions, evaluate themselves, the group, and the group, and the teacher should create opportunities and conditions for such activities. is the basis of the 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.

Educational tools are auxiliary materials that visually present the educational material and at the same time increase the effectiveness of teaching. Technical means of education - help to visually demonstrate the educational material, its systematic delivery, allow students to understand and remember the educational material. Examples of such tools can be: slide projector, overhead projector , blackboard-notebook, blackboard-stand,

Educational aids - graphs, drawings, samples, handouts, 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). The selection and use of various types of educational tools that help students accelerate learning activities 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 in 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.

We believe that the approximate stages of learning the topic are as follows:

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 sequence of explaining the topic should correspond to the purpose of the teacher based on the technological project;
5. Attract students' attention and create problem situations about the topic questions;
6. Emphasis is placed on working with educational literature or handouts during the explanation process;
7. Creating an opportunity for the student to organize reading and writing of basic concepts from handouts or educational literature;
8. Checking the level of learning the topic by asking students oral questions (for example, what is the essence of the concept of analytic geometry?);
9. Commenting or filling in students' answers, encouraging correct answers;

Today's task of school education is to deliver information to students in a clear and understandable way, using new innovative information technologies of teachers effectively during the lesson. Therefore, it is appropriate to organize and teach lessons using new innovative modern information technologies, so that during the lesson the teacher can understand and clearly learn mathematics.

In short, in order to increase the quality and effectiveness of teaching of specific subjects, pedagogical technologies are divided into 3 types of training based on the possibilities of modern information technologies: that is, taking into account the specific characteristics of lecture, practical and laboratory training. It is recommended to use the listed ones in a complex manner. Modern methods and technological trainings that help to increase the effectiveness of education help to develop logical, mental, creative, critical, independent thinking in students, develop their abilities, become competitive mature specialists and educate positive professional qualities.

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