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## **NEW WAYS TO ATTRACT STUDENTS TO INFORMATICS LESSONS**

**Abstract:** *This article discusses new ways to attract students to computer science lessons. Based on the fact that the use of modern teaching methods is a requirement of the time.*

**Keywords:** *computer science, computer, innovative method, modern teacher, information technology*

## **НОВЫЕ СПОСОБЫ ПРИВЛЕЧЕНИЯ СТУДЕНТОВ НА УРОКИ ИНФОРМАТИКИ**

**Аннотация:** *В этой статье обсуждаются новые способы привлечения студентов на уроки информатики. Исходя из того, что применение современных методов обучения является требованием времени.*

**Ключевые слова:** *информатика, компьютер, инновационный метод, современный учитель, информационные технологии*

An important problem that determines the essence of personality formation is activity, its place in public life, its influence on the development of new generations. The problem of activity is the subject of study of all sciences of human society. This is the most important basis for the development of man, the formation of him as a person. It is important that the determining motive is an internal motive that is directly related to the content of this activity. Hence, it is necessary that the activities of students have the character of an initiative.

Active teaching methods allow you to use all levels of assimilation of knowledge: from reproducing activity through transforming to the main goal - creative search activity. Creative search activity is more effective if it is preceded by a reproducing and transforming activity, during which students

learn teaching methods. Information technologies make it possible to reuse text, sound, graphic and video information in the lessons, which allows teachers and students to use various sources of information in their creative activities. In modern conditions of education, the main task of education is not only the acquisition by students of certain knowledge and competencies, but also the formation of independent work skills. Therefore, the role of the teacher in unlocking the capabilities of new computer technologies is very important. Practice has shown that students who actively use computer skills use a higher level of orientation in a rapid flow of information in their independent work, highlight the main thing, systematize and generalize it.

Factors of activation of cognitive activity of students when working with a computer in a lesson:

1. Visibility (not passive, but active) ie ability to manage the demonstration process.
2. Work with the keyboard, which increases the relationship of motor reactions and processes of perception.
3. Ample opportunities for self-control.
4. Opportunities to visualize processes that previously could not be observed.
5. Opportunities for individualization of learning.
6. Modeling.
7. Solving problems using software.

You can activate the cognitive activity of students using the following methods: • project development.

It consists in the following: after studying the topic, students prepare appropriate presentations. This work can take a long time, which allows students to successfully solve search, research problems.

- Internet resources, which allows you to expand the amount of information received for independent work, allows you to use in creating various

projects not only illustrations, maps, diagrams, photographs, but also to search and systematize various reference material.

- business games
- virtual tours
- interactive programs, tests, electronic textbooks.
- graphic demonstration materials.

One such tool is Power Point. In this program, teachers and students create presentations to illustrate the material being studied.

- videos or animated films.
- creative work of students.

Compiling and solving crossword puzzles, computer science puzzles, creating situational tasks, participating in competitions. The creative nature of the activity is determined in the process of constant monitoring of the performance of tasks by each student or by the students themselves from the following positions:

- student motivation level;
- originality of the method of solution and design;
- creative imagination and originality;
- use of inter subject communications;

the ability to self-analyze their activities, identifying the methods used and evaluating the results. In the complex of pedagogical conditions and means of enhancing the cognitive activity of students, the content of the material studied is decisive.

The content of the subject is one of the leading motives for the development of cognitive interest among schoolchildren. The selection of the content of educational material should be made taking into account the interests of students. When selecting the content of the material, it is necessary to take into account its prospects, practical and personal significance for students, relevance. To solve the problem of enhancing the cognitive activity of students,

it is important to apply active teaching methods that are adequate to the content of the material. In this case, it is possible to teach students to apply their knowledge in new and unusual situations, that is, to develop elements of creative thinking. Success in solving the problem of enhancing the cognitive activity of students lies in the optimal combination of innovative and traditional teaching methods.

New information technologies affect all components of the training system: goals, content, methods and organizational forms of training, teaching aids, which makes it possible to solve complex and urgent tasks of pedagogy, namely: the development of intellectual, creative potential, analytical thinking and individual independence.

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