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Possibilities of modern teaching tools and their effectiveness

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Abstract: This article provides information on the possibilities of modern teaching aids and their effectiveness.

Keywords: teaching, information, technology, education, system, interactive, presentation, tool, digital, process.

In the framework of the broad political and social reforms in the life of our country, improving the quality of education in specialized academic lyceums, the introduction of advanced pedagogical and information and communication technologies and e-learning resources, modern teaching aids in the educational process, including Extensive work is underway to create the necessary conditions for Teaching aids are a variety of materials and tools of the educational process, the use of which allows to achieve the goals of teaching in a more successful and reasonable time, the main didactic task of the tools - the study of teaching materials. is to accelerate the learning process, that is, to bring the learning process closer to more effective descriptions.

Learning aids are an essential part of equipping the learning process, but they do not perform didactic functions. These include blackboards, chalk, paper, teaching aids, barriers, and so on. A blackboard is a traditional and convenient way to visually demonstrate learning material.

A whiteboard is a teaching tool used to document the results of learning discussions, brainstorming, group work, and other discussions. Although the flipchart is very similar to a blackboard, there are many differences.

The convenience of a flipchart is that you can see and compare the results of the whole group's work at the same time. Pinboard is an English word that means to fasten to a board.

As a rule, the pinboard is covered with wrapping paper, and as an additional material required to have cards of different colors and shapes.
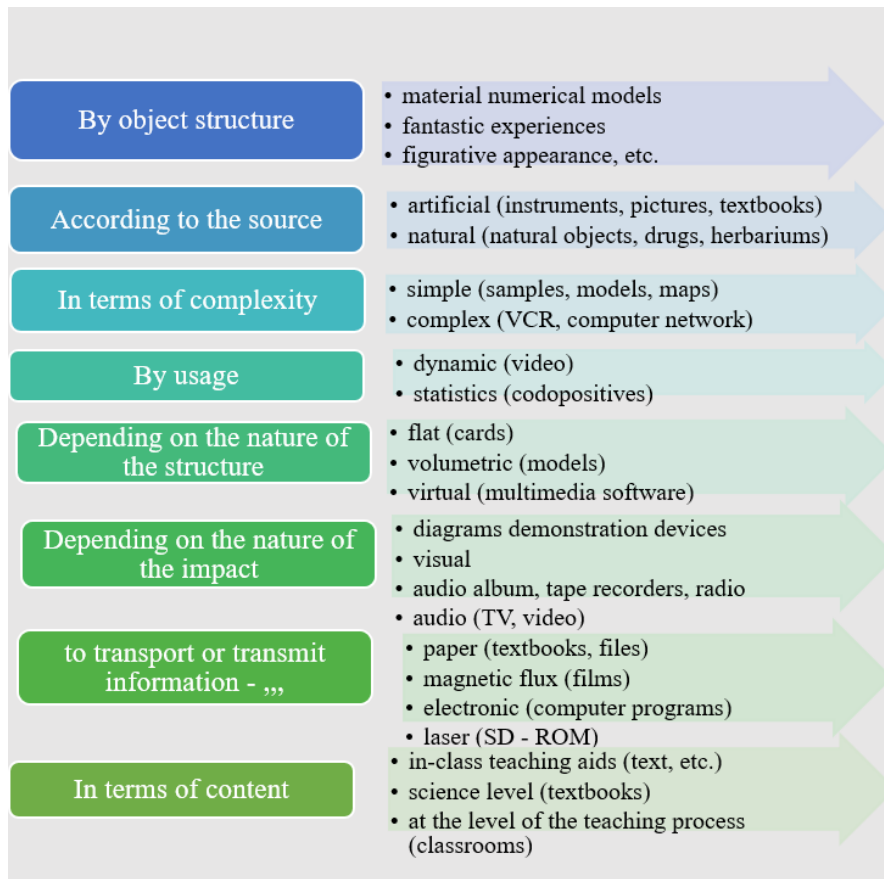
Teaching aids can be conditionally divided into teaching aids and teaching aids.

Teaching aids were mainly used by the student to explain the learning material.

And teaching aids are used by students to master it.

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By object structure	• material numerical models • fantastic experiences • figurative appearance, etc.
According to the source	• artificial (instruments, pictures, textbooks) • natural (natural objects, drugs, herbariums)
In terms of complexity	• simple (samples, models, maps) • complex (VCR, computer network)
By usage	• dynamic (video) • statistics (codopositives)
Depending on the nature of the structure	• flat (cards) • volumetric (models) • virtual (multimedia software)
Depending on the nature of the impact	• diagrams demonstration devices • visual • audio album, tape recorders, radio • audio (TV, video)
to transport or transmit information - „„	• paper (textbooks, files) • magnetic flux (films) • electronic (computer programs) • laser (SD - ROM)
In terms of content	• in-class teaching aids (text, etc.) • science level (textbooks) • at the level of the teaching process (classrooms)

Tasks of teaching aids:

1) communicative, information transfer function.

2) the supervisor prepares students to complete and organize assignments.

3) cumulative, i.e., documentation and regulation of the storage of teaching and learning methodological information.

4) research task, students' research objectives and use of teaching aids, information gathering, search for options for modeling the content and forms of transmission, and so on.

These include all multimedia teaching aids that are considered complementary to the traditional teaching methods used in education today. Educational-methodical electronic products can be divided into types based on their capabilities and input. The most widely used e-learning resources today are electronic versions of textbooks, e-textbooks, e-textbooks, e-exhibitions, computer programs, computerized videos, computerized laboratory work, multimedia teaching computer software and encyclopedias.

Educational e-learning products can be stored and used in institutional libraries and computer classrooms. E-learning materials should have the following features:

• ensuring high quality education;

• create opportunities for independent learning and self-control;

• use a variety of methods to study information independently;

• develop research skills;

• focus on developing students' creative abilities;

• Unconventional approach to teaching, saving time in studying the material (giving students the opportunity to study by distance).

The use of information technology in education requires computer literacy to enhance the information culture and its effective use. E-learning products are designed to broaden students' horizons, develop and deepen their initial knowledge, provide additional information, and be developed in more in-depth disciplines.

It is desirable that the quality of software for the educational process be assessed by the criteria of psychological pedagogical, software and technical quality and their use in the teaching process.

In our country, special attention is paid to the organization and use of information resources in education. The introduction of e-learning in the education system depends, first of all, on the intellectual potential of society, including the informatization of education, the development of information educational resources. Development of reasonable mechanisms for the integration of education with science and industry, its implementation in practice, individualization of reading, independent learning, development and mastering of technologies and tools of distance education, on the basis of new pedagogical and information technologies Accelerating student learning through the use of teaching is one such important task. Certain changes will need to be made to the organization of the learning process on the basis of e-learning, including the principles of improving the presentation of educational materials.

E-learning resources - the formation of knowledge, skills, competencies and competencies set out in the state educational standards and science programs, guaranteed results based on the complex design of the educational process using electronic means, independent learning and study and control e-learning - methodological resources, didactic tools and materials, multimedia e-learning resources, assessment methods and criteria, aimed at developing students' creative abilities.

The advantage of modern e-learning resources is that the teacher's teaching function is transferred to the student in the free reception of educational information provided to the student, their individualization. In this case, the educator not only supports the student, but also helps to solve the problem through the effective use of the flow of educational information and the necessary instructions in solving the problems that arise.

In short, the methods and tools of teaching and their correct and appropriate use in the learning process are important and serve to increase the effectiveness of education. It is important to develop students' creative and scientific abilities and to teach them to think in order to expand their spatial imagination. Enhances student creativity and activism. The analysis of various theoretical and practical problems with the help of modern teaching aids leads to the expansion and deepening of knowledge, skills and abilities of students.

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