



## TEACHING EXACT SCIENCES USING ELECTRONIC INFORMATION EDUCATIONAL RESOURCES

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### Annotation

The article examines the issues of electronic information educational resources and their use in the educational process.

**Keywords:** information, educational resource, information and communication technologies, Internet, electronic information resources.

At present, the introduction of modern digital technologies into the educational process, the formation and development of knowledge, skills and skills related to modern digital technologies in students studying in educational institutions of the Republic and teaching professors are among the most necessary tasks of the present day.

It can be said that the global Internet system is directly innovative technologies to use the services that digital technologies can provide in the pedagogical process. The application of innovative technologies to the field of education today contributes to the development of competencies of schoolchildren in subjects.

Electronic learning resources are a resource that has the ability to concentrate, describe, update, store information based on modern information technologies, provide and control knowledge in an interactive way.

Teachers of mathematics can use different types of their practical programs during class time.

Today, according to the results of experiments on the analysis of existing applied programs, it is possible to divide into the following groups:

1. Informative applications:

- \* interactive textbooks and teaching aids;
- video recordings and presentation form of lectures;
- \* virtual excursions.

2. Practical programs that provide for the organization of one or another practical activity of students:

- \* set of issues:
- a) includes issues with only answers;





b) solutions include issues given;

c) is instructed and contains a set of issues, but does not provide for communication with the user;

g) provides guidance and includes solutions to issues, provides for the possibility of communication;

\* set of tests:

a) includes only test conditions;

b) provides for the organization of a real examination of knowledge, qualifications and skills on specific topics of the course, which will be able to communicate;

\* games:

a) takes only the description of the game itself,

b) intefaul: provides for the possibility of playing in order without communication,

3. Practical programs for the teacher who develops coursework (with methodological work ):

- bibliographic programs, including online stores.

4. Mixed applications that have taken the elements of the above groups into their own.

5. New generation e-learning programs.

The five groups listed above have their own characteristics of working with each of the application programs. Let's dwell on their more clearly distinguishable groups.

Educational materials of the group of informational applications:

- in preparation for classes;

- in the organization of independent reading of question and answer materials by students;

- in the organization of independent work of students in the lesson;

- questions and answers to students;

- detailed information about the lesson of the educators

During the preparation of this group practical programs for the organization of a reading lesson:

- statement of lesson materials;

- in the preparation of exhibitions that can be reflected in the projector, as well as those that are used in the statement in the lesson;

The quality of the lesson will increase even more if the learner performs the demonstration of the one who prepared the lesson designed for use in the statement of new materials using an LCD projector. In this case, the technology of lowering teaching lesson materials will radically change. In the course of the lesson, it follows the information that appears on the screen, necessary, in which cases they are filled with questions and answers [1].



The teacher is in the process of passing the lesson:

- - presentation Sasin;
- - problematic statement number;
- - Northern means;
- the basis of the organization of students ' activities:
- one-on-one and group basis in the lesson of students;
- the basis of the conversation, including heuristic;
- - discussion sosin;
- the basis of the synopsis;
- it is possible to carry out practical programs as a means of self-control.

Each tutorial during the independent study of new material, the program for working with Internet applications, in general, with electronic versions or a program for working with suitable tetanus carriers, makes a big difference. Because in this case it is necessary to read, write, make a brief synopsis according to this plan, find evidence for something in the text, give examples based on what was read, or independently find and hocazo) represent:

When organizing independent study of additional material, the teacher should clearly set tasks for students and indicate the address of sites with corresponding information on the topic.

The materials of such a category of practical programs can be used by readers when writing abstracts and preparing various lectures.

In order for the activity of students in this direction to be serunum, the teacher must clearly state the issue, expressing the questions that the student must answer during the performance of the work. In the process of preparing a lecture, it will be appropriate to express questions in advance [2].

Practice-oriented Internet practical programs can become the basis for organizing independent activities of students both in the lesson and at home.

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