

QUALITY AND MAIN INDICATORS OF ELECTRONIC TEXTBOOKS IN THE FORM OF MULTIMEDIA

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Abstract: This article presents the advantages, quality level, and aspects of using a multimedia e-textbooks

Keywords: Multimedia, e-textbook, emotional memory, interactivity.

Electronic textbooks in the form of Multimedia should contain all the information necessary for independent study, as well as practical and test issues to control the knowledge gained on a given topic. In addition, electronic textbooks in the form of multimedia should be designed in such a way that, unlike ordinary towels, it provides:

more detailed (full) structuring of the course content;

interactivity – the possibility of changing the display of information depending on the activity of the user, as well as the possibility of changing the direction of study;

in the section of the course on concepts and hypertext structure of theoretical information (links to definitions);

powerful visual data usage – various images and images, animations and other multimedia tools;

the use of practical and control tools built into the electronic textbook in the form of multimedia for the consolidation of knowledge, Control and assessment of the knowledge gained;

the presence of a system of links (hyperlinks) to various electronic texts and graphic educational materials.

Providing the features listed above, the creators of electronic textbooks in the form of USUN multimedia should have knowledge and skills in the technology of designing content for their courses, in addition to the requirements for electronic textbooks in the form of multimedia.

The most basic issue in the development of electronic textbooks in the form of Multimedia is the issue of the quality of multimedia electronic textbooks. Qualitatively developed multimedia electronic textbooks contain a variety of didactic materials and educational resources. Electronic textbooks in the form of such multimedia should be designed in the first place for users who independently study science, and the methods of delivering information should differ in knowledge.

In electronic textbooks in the form of multimedia, designed for independent study according to the opinions of psychologists and methodologists, a qualitatively prepared didactic material causes interest, motivation for independent learning in learners, along with the fact that information is given in electronic form with computer graphics and multimedia elements, when working with such multimedia electronic textbooks, the mental activity of the

Electronic textbooks in the form of Multimedia are necessary for the independent work of Educators, which provides:

Facilitates understanding of the material being studied. Because multimedia electronic textbooks are different forms of data delivery: inductive approach, voice and emotional memory, etc.k. based on them.

The education has the opportunity to adapt to the needs of the recipient, the level of preparation, intellectual capabilities

It allows you to focus on the content of science, look at and solve a large number of examples, freeing yourself from complex calculations and form substitutions

Provides a wide range of self-examination options at all stages of training;

Decorating the work in an orderly and beautiful way allows the teacher to present it in a file or printed form

Explanations, repetitions, etc. in an unlimited amount.k. acts as a master with infinite patience who gives them

Electronic textbooks in the form of Multimedia are considered useful in practical training because it:

Allows you to use a computer to solve a large number of issues, freeing you from the time it takes to analyze the results obtained and their graphic interpretation

Allows the teacher to conduct training on a computer in the form of independent work and ensures that the teacher is only in the role of a leader and consultant

Allows the teacher to quickly and efficiently control the knowledge of students with the help of a computer, to give the level of content and complexity of control materials

Electronic textbooks in the form of Multimedia are convenient for the teacher because he:

The inclusion of the materials he wants in lectures and practice classes allows, in addition to the audience's activities, to ensure the independent work of students with electronic textbooks in the form of multimedia;

Exempts from work related to checking homework, assignments and controls

Allows you to optimize the relationship of the content and quantity of examples and issues that are seen in the audience and give home

Allows individual work with students in homework and supervision

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