

**ELECTRONIC TEXTBOOK: ADVANTAGES AND DISADVANTAGES**

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**Abstract:** The article discusses the advantages and disadvantages of the electronic textbook. Based on a number of publications, an analysis of the current state and prospects for the development of electronic text-books is being conducted. Specific examples show that the creation of electronic textbooks, despite a long history, is at the earliest stage of development, and bureaucratic attempts to speed up this process lead to costly failures.

**Keywords:** electronic textbooks, electronic publications, individualized education.

The formation of new production relations and a new economic base has created the need for the informatization of society. Today, people of various ages, educational levels, and professions spend a significant portion of their work or free time on the computer, leaving them little time to read books and textbooks. Therefore, electronic educational tools have become a very convenient means for them to improve their professional and educational levels.

Today, the majority of young people already use various electronic tools. Electronic textbooks play a very important role in the development of youth.

An electronic textbook is a methodological set designed for studying a course of material. It is an integrated tool that contains theory, practice, exercises, and other components. When creating an electronic textbook, authors need to take into account that it should contain minimal text, because prolonged reading of text on a computer screen is tiring and reduces the perception of new information. It is very important to choose the fonts correctly, having studied the theory of fonts in advance. An electronic textbook should include as many graphic images as possible, since comprehension and retention of information when reading illustrated textbooks are much higher. It is important to select the color scheme correctly so that while studying the material, the colors do not strain the student but rather have a calming effect.

It is also recommended to use video and audio clips in the electronic textbook, as well as hyperlinks to textbook elements and other information on the Internet. Using video clips allows convey information dynamically and increases students' engagement, thereby improving comprehension. Using audio clips helps the electronic textbook resemble familiar teaching methods and also activates the auditory centers of the brain.

Creating an electronic textbook is a labor-intensive process. Typically, a team of specialists is involved in its creation. It is recommended to divide the creation of an electronic textbook into the following stages:

1. Assessing the audience for whom the textbook is being developed.
2. Collecting and preparing text and graphic information.
3. Preparing the content.
4. Direct creation of the electronic textbook.

The process of creating an electronic textbook is very different from the process of creating a traditional textbook. An electronic textbook can be called a self-teaching tool, as it is designed for independent learning. An illustrative electronic textbook, consisting of text, graphic, audio, and video information, unlike a traditional textbook, allows for individualized learning. Unlike a

traditional textbook, it brings learning closer to learning with a teacher. As noted above, an interactive electronic self-teaching tool containing graphic elements can engage schoolchildren and young people much more successfully than a traditional one. An electronic textbook is compact and can store a large amount of information. It should be noted that a single portable storage device, such as an external hard drive, flash drive, or even a CD/DVD, can hold an entire library of traditional textbooks. Any competent teacher can easily customize an electronic textbook to fit their curriculum, conveniently edit certain sections, or combine several electronic textbooks into one. A teacher can share the textbook with students at any time of day by sending it via email or Skype. They can also make it publicly accessible to their students by uploading it to the internet. Unlike a traditional textbook, an electronic textbook does not deteriorate over time. Creating and publishing an electronic learning tool is not associated with high costs. Electronic textbooks can have a built-in testing system, which allows the student to check how well they have mastered the material covered. The student and teacher can instantly find the information they need thanks to the search system. During learning, it is easy to improve the readability of the e-learning tool by increasing the font size or changing its color.

In distance learning, the learner spends most of the time studying independently, which creates a need for the use of electronic textbooks. As we can see, the electronic textbook is the main educational tool of distance education, the primary means for improving qualifications and educational level, obtaining a second education, and the opportunity to receive a diploma from a prestigious university, college, and so on.

Today, distance education is becoming increasingly popular worldwide. Networks of institutes and schools using distance education systems are being established. This requires the creation of a large number of electronic educational resources, in particular, electronic textbooks. Along with many advantages, the disadvantages of electronic resources should also be noted:

- The need for additional equipment, mainly a computer and speakers.
- Fatigue caused by reading from a screen, associated with unfamiliarity and novelty.
- Children who use only electronic textbooks lose the opportunity to communicate with their peers, so e-textbooks should only be used as a supplementary learning method for children. Time spent on the computer should be strictly limited and alternated with active games, preferably outdoors.
- Currently, the prices of electronic resources still significantly exceed the prices of traditional textbooks.

All of the above allows us to assert that despite certain shortcomings of electronic textbooks, they are a powerful factor in raising the educational level of all segments of society, which is necessary in today's conditions.

#### **References:**

1. Аккуратов Е.Г. Информационно-поисковая система Paperchase // Рукопись деп. в ВИНТИ 04.12.2006., № 1502-B2006. – 24 с.
2. Аккуратов Е.Г. Работа с медицинскими электронными базами данных. ч.1. // Рукопись деп. В ВИНТИ 04.12.2006., № 1503-B2006, - 22 с .
3. Аккуратов Е.Г. Работа с медицинскими электронными базами данных. ч.2. // Рукопись деп. В ВИНТИ 04.12.2006., № 1504-B2006, - 24 с.
4. Аккуратов Е.Г., Чернолихов А.А. Электронные учебники за рубежом // XII Междунар. конф. «EUROPEAN RESEARCH», г. Пенза, 7 октября 2017 г.: тр. конф. Пенза: Изд-во МЦНС «Наука и просвещение». - Пенза, 2017 - С. 231-233.

5. Аккуратов Е.Г. Электронные учебники и базы данных за рубежом: перспективы использования // Математика и естественные науки. Теория и практика: Межвуз. сб. науч. тр. Вып. 12 – Ярославль: Издат. дом ЯГТУ, 2017 – С. 324-329.

6. Аккуратов Е.Г, Чернолихов А.А. Электронные базы данных за рубежом // Дополнительное профессиональное образование в условиях модернизации: X всероссийская научно-практическая интернет-конференция с международным участием. - Ярославль, ЯГПУ им. К.Д. Ушинского, 2018 – С. 48-

7. Генералов В.А, Аккуратов Е.Г. Электронные учебные издания в современном военном образовании // Дополнительное профессиональное образование в условиях модернизации: X всероссийская научно-практическая интернет-конференция с международным участием. - Ярославль, ЯГПУ им. К.Д.Ушинского, 2018 – С. 67-71.