DEVELOPMENT AND IMPROVEMENT OF MEDIA TECHNOLOGIES IN THE EDUCATIONAL PROCESS

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ANNOTATION

The article on "Development and Improvement of Media Technologies in the Educational Process" highlights the impact of media technologies used in the learning process on the students' engagement, self-improvement, assessment of their own progress, and enhancement of the learning outcomes. The article emphasizes the crucial role media technologies play in empowering the future of the education system by guiding the students' self-improvement and self-assessment. It addresses various aspects of media technologies in education, such as the creation of technologies, simplification of educational materials, assessment of learning outcomes, students' engagement and the future impact of these technologies. The article provides valuable insights into the significance of using media technologies for students' learning, development, and progress in the future. It draws upon examples of the use of media technologies in the learning process to illustrate its points.

Keywords: Media technology, Educational process, Research, Interactive, Virtual, Programming, Technology, Presentation, Platform.

INTRODUCTION

The development and improvement of media technologies in the educational process requires the development and high-quality use of technologies that ensure access to high-quality educational materials by students in the educational process, the use of distribution systems and other media channels used in the educational process.

The use of media technologies in the educational process is not a bad thing, but it has been useful for facilitating the work of teachers, who in the past had problems in preparing and distributing quality and effective educational materials for students. However, nowadays, in the educational process, media technologies occupy a very important place in modern education.

The coverage of media-and-storage media through the Internet, computers that make it easy to access and use the Internet, e-books, e-journals, e-textbooks and many other educational materials, creating a unique learning system for each student gives the opportunity. Such systems facilitate self-learning of students and effectively increase the educational process.

In addition, media technologies, interactive textbooks, experimental programs, online test systems, and other methods allow to update the methods of organizing education among students. These systems allow students to self-assess and implement recommendations. Such systems improve students' thinking, analysis and discussion skills.

General understanding of media technologies

The main meaning of the word media technology is the distribution, development, distribution and storage of information using software tools. This is a special word that includes technologies such as the Internet, computer programs, YouTube, and other media channels.

The development and improvement of media technologies in the educational process requires the development and high-quality use of technologies that ensure that students in the educational process have access to high-quality educational materials, use distribution systems and other media channels used in the educational process. .

The future role of using media technologies in the educational process is huge. These technologies help students facilitate self-directed learning, retain important information, and lead a successful learning process through other software tools. Media technologies are important for students to acquire quality knowledge that they can use not only in the preparation and certification process, but also in their lives.

Necessity of media technologies in the educational process

Media technologies in the educational process help to increase the effectiveness of the educational process and improve the experience of students. The need for this can be shown in the following directions:

1. Presentation of educational materials: Media technologies facilitate the process of distribution and preparation of educational materials. This allows the teaching materials to be of high quality and coherence.

2. Student learning: Media technologies facilitate students' self-directed learning. These allow students to learn in systems that are convenient for them, using video handouts or interactive tutorials.

3. Student collaboration: Media technologies help improve student collaboration. Students use systems for online communication, reflection, and collaboration.

4. Effective implementation of the educational process: Media technologies effectively increase the educational process. Online availability of study materials and test systems helps to ensure effective education of students.

5. Transfer of learning process: Media technologies help transfer the learning process through interactive networks and online instruction. This allows students to quickly and efficiently answer their own calculations, wrong answers, or other questions.

These are various directions necessary for updating the education system in the society and for students' mastery. The use of media technologies in the educational process provides good support for these directions and helps to develop these directions.

DEVELOPMENT OF EDUCATIONAL MATERIALS WITH THE HELP OF MEDIA TECHNOLOGIES

The development of educational materials with the help of media technologies is important in providing the educational process in more effective and comprehensive cases. This method facilitates the distribution, preparation and editing of educational materials, and these activities allow the educational materials to be of high quality, more useful for the student, and more effective in the educational process.

Learning materials developed with the help of media technologies can be available in many forms, including interactive, video tutorials, animations, virtual or augmented forms, as well as online quizzes and tests, in order to increase interaction and make the student experience more effective. can be developed.

Interactive textbooks facilitate students' self-learning and enable self-directed learning. Providing learning materials in the form of animations or videos helps students understand the material and makes reading the material more enjoyable.

Virtual or augmented learning materials allow students to self-examine, strengthen their skills, and advance their real-life skills.

Online quizzes and quizzes facilitate student learning and allow you to check your understanding of the learning material.

All these are developed with the help of media technologies and are important in providing educational materials in a more efficient and convenient way.

How to use media technologies

The use of media technologies is important to ensure the effectiveness of the educational process and the provision of comprehensive cases. The following concepts are important in the use of media technologies:

1. Providing an opportunity to study at the time and place of students' interest: The use of media technologies at the time and place of students' interest in reading and learning ensures that they are effective in the educational process. .

2. Interactivity and labeling: Media technologies allow to increase the level of understanding of students with the help of interactivity and labeling. They enable students to search for and find information related to themselves, their knowledge, and their experiences.

3. Making the student experience more effective: Media technologies are used to help students understand the material more effectively and to enhance and enhance their skills. Using virtual or augmented learning materials can help students strengthen their careers and prepare them to disrupt their real-life practices.

4. Self-assessment of students: Media technologies help in the level of knowledge and self-assessment of students. With the help of quizzes and quizzes, students facilitate their learning and better understand the learning material.

5. Increasing the motivation of students: Media technologies help in increasing the motivation of students. Providing educational materials in the form of interesting and entertaining animations or videos will make students interested in reading and increase their knowledge.

Media technologies are necessary to provide more effective and comprehensive situations in the educational process, and these activities allow educational materials to be of high quality, convenient and useful for the student.

Media technologies used in creating educational materials

There are already many media technologies used in the creation of educational materials, and each of them has its own capabilities. These possibilities relate to the form of presentation of educational materials, the methods of creating their components, and actions such as helping students to work with materials and learn. The following media technologies are widely used in the creation and preparation of educational materials:

1. Presentation software: Presentation software, such as Microsoft PowerPoint, Prezi, Google Slides, is one of the widely used media technologies in the preparation of educational materials. With these programs, text, images, video and audio materials can be used together. Presentation programs help to make educational materials beautiful, interesting and understandable.

2. Video programs: Video programs help in making learning materials clear and understandable for students. Teachers can create their own videos or use existing videos. Today, a large number of educational materials can be found on YouTube, Vimeo and other video platforms.

3. Animations: Animations are very effective in presenting educational materials, yet their use is increasing. These animations make it easy and fun for the readers.

4. Interactive Presentations: Interactive presentations help a lot in showing and teaching educational materials. With these presentations, students can learn in a way that suits them.

5. Virtual learning programs: Virtual learning programs help in making learning material practical. With these programs, students can practice and make learning more effective.

6. Audio programs: Audio programs are effective in listening to educational materials and help students to read and understand the text.

Improvement of educational materials

The process of improving educational materials has become a field in which media technologies are widely used in the educational process. In this process, the departments of development, editing and compilation of educational material are mastered in a row. With the help of media technologies, more opportunities are created to improve educational materials.

The first step to improving learning materials is to update the material frequently. In this way, it is possible to increase the experience and progress of the educational material. Also, by connecting the educational material with many things or using other pedagogical methods, students find answers to their interests in the educational process.

It is also possible to improve the educational material created in one step with the help of various media technologies. For example, creating video tutorials or interactive tests, displaying images and concepts of educational material, creating animations and graphics.

In addition, educational materials are designed to study interactions. This feature can be done using online guides, forums and websites. In this way, students will further analyze the learning material by sharing ideas and increasing their interaction.

Improvement of educational materials increases the level of students' mastery during the educational process. Media technologies, new methods and technologies are used to provide an easy and interesting learning process for students.

Teaching media technologies to students

The main purpose of using media technologies in the educational process is to help students understand and master educational materials. This is important in the process of easy and effective learning of students. Therefore, teachers should effectively use media technologies in the preparation of educational materials and teaching.

Through the use of media technologies, teachers can provide interactive and multimedia, create learning processes that make students interesting and historical, mastery. This makes learning more interesting and effective for students.

Through the use of media technologies, teachers provide not only the teaching of educational materials, but also the acquisition and analysis of students. This gives students the opportunity to analyze and express their thoughts more actively than in other educational methods.

Also, the use of media technologies allows students to access new information and remember it. This ensures that students get more information and develop in the learning process.

Also, by working interactively with students, students prepare themselves to participate in the learning process. This will develop their creativity and provide an opportunity to express their thoughts.

Compared to the further development of our society and global development, the international networks that are being established will further increase the use of media technologies in the educational process. Therefore, it is necessary to focus on the use of effective and efficient methods by teachers and students in their learning process.

THE NEED FOR STUDENTS TO LEARN HOW TO USE MEDIA TECHNOLOGIES

Learning to use media technologies in the educational process is very important for students. This is necessary for them to be constantly evolving, changing with the new demands and variables of the world.

Learning media technologies prepares students to participate in the learning process through active and interactive learning methods. It makes it easier for students to organize the learning process, study the learning materials, improve the testing and evaluation processes, work on questions and problems, and express their opinions.

Media-enabled learning materials include interactive, interactive learning modules that work collaboratively for all learners, and are appropriate for different levels of learners. This gives students more ways to check in on the learning process.

At the same time, learning media technologies, putting students' scientific research into practice, solving questions and issues with their own thoughts, accepting new and innovative approaches, solving problems by searching for answers to questions, and expressing their thoughts provides the necessary skills for their mastery.

Thus, the necessity of learning through media technologies is very high and they should be improved in the educational process. Student readiness and connectedness to the world are important for learners of all sizes, and learning through media technologies is the only way to successfully accomplish this task.

How to teach students

The most optimal form of using media technologies for students in the educational process is the effective use of media technologies in the form of a lesson. This includes interactive teaching methods, audio and video tutorials, interactive lessons and virtual educational facilities.

Such teaching methods give students the opportunity to learn and master themselves. During the lesson, students will have the opportunity to access additional information using various media channels. For example, teachers can master concepts using PowerPoint slides, present learning materials using animations, video and audio guides, implement a series of practical exercises using virtual educational facilities, and organize other interactive lessons. will have

Such teaching methods increase the motivation of students and create interest and progress in students as an effective method of learning. In addition, offering learning materials in virtual learning facilities, interactive classes and audio-visual formats does not force students to study

somewhere, and also allows them to study at their own time and on their own computers. provides an opportunity to refer to training materials.

Delivery of educational materials to students

Delivering educational materials to students is the main action that helps them to be successful in the educational process. Effective use of media technologies is necessary in this process.

First of all, the material can be created electronically and displayed online. It is highly desirable that these instructions be in an interactive format and provide links to additional materials. This allows students to access learning materials easily and quickly, and allows them to participate in the learning process on their own time.

Secondly, there are many programs on the Internet, with the help of which educational materials are prepared using videos, animations, graphics and other instructions. The benefit of these programs is that they allow students to access learning materials anywhere and allow students to learn at their own pace.

In order to achieve this goal, teachers should be ready to change their teaching materials and use modern solutions. With the use of media technologies, they help to develop and explain educational materials more fully. In this, many media technology tools are used, such as PowerPoint slides, Prezi, infographics, etc.

In the process of delivering educational materials to students, it is very important to create a single path for all students. In this way, the use of media technologies allows students to easily and quickly access educational materials and facilitate self-study.

USE OF MEDIA TECHNOLOGIES IN EDUCATIONAL INSTITUTIONS

One of the important aspects of the development and improvement of media technologies in the educational process is the high level of use of media technologies in educational institutions. This will greatly help in the development of new, innovative methods for students and teachers in the educational process.

First of all, educational institutions can use media technologies such as video lessons, interactive textbooks and programs, animations, and experience games. With the help of these types, it is possible to make educational materials more interesting and understandable, to increase the initial understanding of students, and to bring the educational process closer to practice.

Secondly, the use of online resources such as websites, personal blogs and YouTube channels in educational institutions is also very important. With this help, students have access to learning materials anytime and anywhere, using their personal computer, tablet or smartphone. Also, using these resources allows students to adapt to their own learning.

Thirdly, interactive lessons and video conferences can be held in educational institutions. With this, students can connect with teachers to solve tasks directed at them, and also, students can see lessons translated by teachers to understand more about certain topics.

Given these important experiences, there are many positive outcomes of using media technologies in educational institutions. Through these methods, students can provide themselves with a convenient and effective learning process, make learning materials more understandable and interesting, and also improve the learning process with modern innovative methods.

Necessity of using media technologies in educational institutions

With the help of media technologies in the educational process, teachers can make the educational process more effective and convenient for students. But it is not only good for teachers, but also necessary for educational institutions. In this type of educational institutions, media technologies are very important for the following reasons:

1. Improving students' skills and interests: With the help of media technologies, students help teachers improve their future skills and interests. Videos, animations, interactive activities, and other prompts can be used to engage students' interests and increase their views.

2. Improving students' understanding: In teaching with the help of educational materials, students' understanding and their acquisition skills are important. Media technologies are very effective in illustrating concepts and presenting a topic in a form that is easily understood by students. This will further increase students' ability to learn.

3. Increase discussion and cooperation: With the help of media technologies, teachers can establish mutual communication with students and increase their cooperation. Through interactive activities, brainstorming, online social networks, and other tools, students can share their ideas with others and improve their mastery.

4. Easy Access to News: Media technologies in educational institutions allow students to access the latest news and current legal events more quickly and easily. This is more effective and acceptable for students and teachers.

Also, media technologies in educational institutions help to further increase communication between teachers and students.

Updating the equipment of educational institutions

Speaking about the need to use media technologies in the educational process, it is also necessary to update the devices of educational institutions. This helps to ensure that students have the necessary opportunities to participate in a high-quality educational process and their own learning.

Educational institutions that include new and latest devices, learning materials development and teaching methods help students to prepare themselves better and reduce errors in the learning process.

The devices of educational institutions are important in providing high-quality learning opportunities for students and teachers. High-quality computers, projectors, interactive whiteboards and other devices allow to increase innovation and creativity in the educational process.

New devices and technologies offer several advantages to educational institutions, e.g:

• Provide opportunities for further development and introduction of educational materials;
• Increasing convenience for students and teachers;
• Improvement of individual approach for students;
• Reducing errors in the educational process;
• Implementation of new educational methods;
• Making educational materials more experiential and up-to-date.

Also, new devices and technologies allow to work comfortably, quickly and efficiently in educational institutions. This is one of the future directions aimed at solving major problems and tasks in the educational process.

Indicators of the use of media technologies

Indicators of the use of media technologies in the educational process can be:

1. Increase student interest: Media technologies are an ideal tool to increase student interest. Through these technologies, students can continue learning at their own time, depending on their interests.

2. Facilitating the educational process: Media technologies are useful for facilitating the educational process. Through these technologies, it is possible to easily and quickly access educational materials, as well as to easily refer to new materials.

3. Enhancing student experiences: Through media technologies, students can enhance their experiences. With these technologies, students can express and write, learn, and research.

4. Increasing students' motivation: Media technologies are useful for increasing students' motivation. Students are interested in learning with multimedia materials, interesting animations and new technologies and enhance the learning environment.

5. Increasing the level of readiness of students: Media technologies are an important tool for increasing the level of readiness of students. These technologies help students improve their learning, research, analysis, and thinking skills.

6. Regular improvement of educational materials: Media technologies help in regular improvement of educational materials. These technologies can facilitate and update educational materials and enhance student learning.

Update of media technologies in educational institutions

Media technologies in educational institutions are gaining importance and there is a great need for their renewal. This will help to make the learning process of students easier and more convenient, improve communication between teachers and students, improve educational materials, increase the active participation of students, and create opportunities to increase other indicators.

To update media technologies in educational institutions, to introduce new and innovative methods in the preparation of educational programs and educational materials, to use interactive and multimedia tools, to strengthen the interaction of students and teachers, to approach joint work, etc. indicators should be increased. For this, it is necessary to improve the technological

infrastructure of educational institutions, as well as to encourage teachers to familiarize themselves with technologies and to interest them in the multivariable features of their teaching.

In order to provide practical indicators of media technologies, educational institutions should have interactive whiteboards, projectors, computers, products, tablets, smartphones and other indicators. It is also necessary to obtain and access educational materials in electronic form, to maintain contact with students and teachers through the systems.

In order to do this, it is necessary to train specialist personnel in educational institutions, not only to acquaint them with the advancements and innovative experiences of new media technologies, but also to train them privately. Also, it is necessary to cooperate with experts to strengthen the teaching methods, curricula and educational materials of educational institutions.

Necessity of media technologies in educational institutions

Today, media technologies are useful tools in educational institutions. It helps the students to master themselves, expand their experience and knowledge. Therefore, media technologies are necessary and indispensable tools in the educational process.

Media technologies help to further improve the knowledge, experience and information of students in educational institutions. Through these tools, students can study, complete assignments, and master lessons anywhere, anytime, using any device or gadget. With the help of media technologies, students can further develop their skills and creativity.

Through all of these aids, media technologies in educational institutions can increase student learning and enrollment and further improve the services of educational institutions. Also, the use of media technologies in the educational process brings out the interests and demands of students more.

Development of students' scientific experiences

It is possible to develop students' scientific experiences by using media technologies in the educational process. Media technologies provide an opportunity to provide students with interesting and educational materials, as well as to convey a number of scientific information to them. This will help students to find and use scientific documents according to them.

Through media technologies, students can have the opportunity to conduct scientific research, apply to news in society, participate in online conferences and participate in international seminars. This allows them to learn about their place and contribution in the scientific community, learn with other students, gaining the necessary experiences and knowledge to properly enter their scientific profession and develop themselves. creates a good opportunity for mutual exchange of ideas.

Also, media technologies provide some tips for developing students' scientific experiences. They can be provided with other scientific information, e-books and journals in libraries, major scientific publications, and other information that help them learn to write a scientific paper. Media technologies help to develop students' scientific experiences and create interesting and convenient learning opportunities for them.

Facilitating educational materials

Media technologies are widely used to make educational materials easier and more convenient for students. These technologies help to make the process of preparation and presentation of educational materials shorter and easier.

First of all, media technologies are used to show educational materials and facilitate the processes of putting open lessons into practice. Through video lessons, websites, and mobile apps, students can learn at their own time and in the comfort of their own areas of study. Through such technologies, students will have convenience in reviewing the lesson, memorizing information and testing.

Secondly, media technologies help to make educational materials interactive. This means that students can open their own loops, post questions, communicate with other students related to other parts of the lesson or module, to check the answers given in the study material, to take tests or exercises. they can do and many things.

Thirdly, media technologies help students to understand materials quickly and clearly. Through animations, 3D modeling, virtual reality, simulations, and other technologies, students can challenge themselves to demonstrate or explain material well in advance. Through such technologies, students can understand what they have learned in a concise and clear way, as well as give them the opportunity to do the practical exercises necessary to achieve good results in tests and exams.

In particular, media technologies are essential in facilitating learning materials and experiences for students. Through these technologies, making the educational process faster and more efficient,

Evaluation of the results of the use of media technologies

Evaluation of the results of the use of media technologies can help to master students in the educational process, improve educational results, create a successful educational system, and improve the quality of education.

These results may include:

1. Increase student motivation: Media technologies can increase student motivation by making learning materials more interesting and engaging.

2. Improving educational outcomes: Through the use of media technologies, educational materials are seen and read by more students. This increases the educational results of students.

3. Improvement of the educational system: through the use of media technologies, it is possible to develop and present educational materials in new and many directions in educational institutions. This leads to the improvement of the education system.

4. Testing students' knowledge: Through the use of media technologies, students are also offered more practical activities to test and further develop their knowledge.

5. Improving the quality of educational results: By improving the quality of educational materials, media technologies allow students to identify errors and deficiencies that may impair educational results and try to eliminate them.

6. Introduction of students' knowledge: Through the use of media technologies, opportunities are created to introduce students' knowledge. This allows them to acquire additional knowledge and skills.

7. Learner Learning: Media technologies help learner learning by making learning materials and teaching methods more accessible. This helps them feel confident and successful in the learning process.

Necessity of the results of the use of media technologies in the educational process

The need for the results of the use of media technologies in the educational process is very high. This is important for students' self-development, mastery and effective processing of their work. The use of media technologies for this purpose helps to achieve the following results:

1. Increasing students' mastery levels: Media technologies help to make learning materials easier to read and explain. Such methods also play an important role in increasing students' self-interest and interest.

2. Development of students' learning skills: Media technologies help to turn students' theoretical knowledge into practice. Through such methods, students can develop mastery skills by doing practical exercises.

3. Enhancing students' good memories: Media technologies help to enhance experiences, feelings, concepts and memories. For example, students can communicate and share experiences with teachers or other students in online forums.

4. Helping the specialization of students: Media technologies are of great help in directing the learning paths of students to specialized areas and expanding their learning. Through these methods, students can improve their specialization by doing practical training according to their field.

5. Improving efficiency in the educational process: Media technologies ensure effective work of students in the process of reading and explaining. These methods help a lot in increasing productivity like easy download of study materials, taking online tests and improving online speed.

Improving the use of media technologies depending on the results of students

One typical result of the use of media technologies in the educational process is the enormous impact on students' own learning and the learning of their students. This helps students to master themselves, scientific thinking and personal development. The important results of the use of media technologies in the educational process are:

1. Convenience and excellent learning: The use of media technologies facilitates the learning process and provides students with excellent learning opportunities. It is an indicator of the educational process through easy access to learning materials, learning by watching only a few presentations, interactive learning between teachers and students, practical exercises, tests and quizzes. includes increasing and facilitating the learning process.

2. Improving educational results: The use of media technologies increases the quality of education. The preparation of educational materials with the help of video, audio, animations, interactive answers and virtual solutions facilitates the understanding of students and increases their performance. It increases students' reading, understanding and knowledge.

3. Ensuring the personal development of students: The use of media technologies helps the personal development of students. It provides comfort to students, allows them to learn on their own, and is used to develop their learning techniques, knowledge and skills. Also, the use of media technologies helps students' self-mastery, helps them choose their own study methods, and make their own study plan.

4. Educational institutions allow the use of media technologies, new and innovative methods of learning, including the ability to present students in society and help them find solutions to problems in their lives.

Future concepts of using media technologies in the educational process

The use of media technologies in the educational process makes it possible to expand and develop future concepts. These technologies facilitate the learning process, motivate students and release their interests, strengthen the relationship between students and teachers, and create opportunities for quick and easy access to information from the outside world.

In the future, media technologies will provide opportunities for the integration of the educational process, the further development of educational materials and teaching methods, and the realization of the expanded understanding of students. Media technologies help to develop students' understanding of science, history of Uzbekistan, human culture, spirituality and many other topics. In addition, media technologies help to gain experience in a wide range of educational institutions compared to other educational methods and to further develop the educational process on this basis.

Due to the mentioned results, the use of media technologies in educational institutions in the future will create many envisaged rights. This creates opportunities to further improve students' readiness, teach them how to use modern technologies, and adapt to the world.

CONCLUSION

In the educational process, media technologies are innovations that include new forms of time and resource allocation for students and teachers. It is often used in classes, research and other educational activities in educational institutions. Media technologies increase students' learning and development, and also make their learning easier and help them understand the learning.

Media technologies in educational institutions provide a safe and effective means of presenting lessons, providing learning materials, and testing students' core skills. These technologies facilitate the learning process of students and develop their scientific experience.

Media technologies facilitate interaction with other organizations in the educational process. At the same time, these technologies help to develop the innovative development of the educational process and help for new professions.

At the same time, media technologies increase students' learning results and help them prepare at a higher level. The fact that the use of media technologies in educational institutions has contributed to the future development shows that the use of these technologies should have a special place in all educational systems.

It can be concluded that the use of media technologies in the educational process is a necessary tool that provides effective and good results for students and teachers. They are also important in the implementation of new approaches and the development of innovative developments, which increase the development of students and give them a high level of readiness.

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