

Use Of Digital Platforms And Multimedia

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ABSTRACT

Raqamli platformalar va multimedia vositalaridan foydalanish hozirgi zamonaviy ta'lim tizimining eng dolzarb yo'nalishlaridan biri hisoblanadi. Bugungi globallashuv va texnologik taraqqiyot sharoitida insoniyat uchun raqamli texnologiyalar kundalik faoliyatning ajralmas qismiga aylandi. Ta'lim jarayonida samaradorlik va innovatsion yondashuvlarni ta'minlashda raqamli platformalar va multimedia vositalari muhim ahamiyat kasb etmoqda. Aynan raqamli texnologiyalar, zamonaviy o'quv jarayonini yangi bosqichga olib chiqish, o'qituvchi va o'quvchi o'rtasidagi bilim almashinuvini osonlashtirish hamda ta'lim sifatini oshirish uchun keng imkoniyatlar yaratadi.

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Аннотация: xxxxxxxxxxxx прогресса цифровые технологии стали неотъемлемой частью повседневной жизни человечества. Цифровые платформы и мультимедийные средства играют важную роль в обеспечении эффективности и инновационных подходов в образовательном процессе. Именно цифровые технологии создают широкие возможности для вывода современного образовательного процесса на новый уровень, способствуют обмену знаниями между преподавателями и студентами и повышают качество образования.

Ключевые слова: цифровые платформы, мультимедийные средства, онлайн-образование, интерактивные уроки, виртуальная школа, образовательные технологии, дистанционное обучение, аудиовизуальные ресурсы, электронные учебники, видеоуроки.

Abstract: The use of digital platforms and multimedia tools is one of the most relevant areas of the modern education system. In today's conditions of globalization and technological progress, digital technologies have become an integral part of everyday life for humanity. Digital platforms and multimedia tools are playing an important role in ensuring efficiency and innovative approaches in the educational process. It is digital technologies that create broad opportunities for taking the modern educational process to a new level, facilitating the exchange of knowledge between teachers and students, and improving the quality of education.

Keywords: digital platforms, multimedia tools, online education, interactive lessons, virtual school, educational technologies, distance learning, audio-visual resources, electronic textbooks, video lessons.

Introduction

Digital platforms and software allow teachers and students to demonstrate and develop their potential by bringing a new contemporary approach to education. In Uzbekistan, too, in recent years, the prestige and

potential of digital platforms in the activities of educational institutions has increased. These platforms play an important role in ensuring the quick and efficient use of learning resources, the flexibility of acquiring knowledge. With online training courses and electronic libraries, teachers and students can regularly improve their knowledge. And the spread of Multimedia tools gives the opportunity to make the educational process more meaningful, lively and interesting. As a result of the integration of Multimedia tools into the educational process, the interest of students in the study of subjects increases, the possibility of a visual wide coverage of knowledge arises. With the help of interactive presentations, video lessons, animated materials and other multimedia elements, information is made easier and faster. Through such materials, complex topics can also be conveyed simply and intelligibly.

Materials And Methods

In educational institutions, digital platforms and multimedia Tools open up new facets, organizational, methodological and methodological. There are ample opportunities for teachers to build interactive courses, evaluate online, and strengthen student control. Students, on the other hand, will increase their passion for independent education, be able to easily assess their level of mastery, and have expanded opportunities to strengthen knowledge. As a result, the effectiveness of the learning process increases, and interactive communication between students and teachers develops. Digital platforms can be used to implement distance education programs, tests, virtual laboratories, online project work, presentations and other innovative approaches. These platforms allow students to create a personal schedule, hand over homework, track their success through an assessment system. This leads to greater transparency and clarity in the educational process. In particular, the teacher and students will be able to quickly exchange information between themselves, quickly communicate the necessary information and educational materials. In this way, teacher control increases and students develop skills to work independently. With the help of Multimedia tools, the possibility of applying advanced methods and approaches to the teaching of subjects is expanding. It is possible to easily understand complex topics through Video lessons and animated rollers, interactive presentations. Students can also work independently, test their knowledge, and develop it through electronic textbooks, audio and video materials for listening and viewing, tests and exercises, and software simulations. With the help of Interactive Software, modern technologies are fully used in the process of training. With these tools, each student will be able to independently consolidate his knowledge, increase the level of mastering [1].

Results And Discussion

With the help of digital platforms and multimedia tools, a new ground is also created for the development of scientific, creative and innovative activities. Digital technologies in education – provide a wide range of opportunities to improve the effectiveness of the lesson, coordinate the activities of the teacher and the student, develop modern competencies. In particular, with the help of digital classrooms and online platforms, students' thinking patterns, innovative approach skills to problems, skills for the correct use of Information Technology are formed. Effective use of digital platforms in education — allows a modern development of the field, using various electronic resources, audio and video materials, virtual laboratories, online testing and diagnostic materials in the delivery to the teacher. In such approaches, wide opportunities are created to harmonize educational materials, variatively organize educational activities, and to take into account the abilities of each student individually. Today, the appropriate use of digital platforms is also considered important in curriculum development. In subsidiary areas, however, the use of multimedia tools has made the curriculum more efficient and interesting. Efficiency is achieved with multimedia tools in strengthening, controlling and mastering data. Through Audio and video materials, graphic images, infographics, virtual experience booths, it is possible to deepen the knowledge of students, accurately and carefully study the basic concepts. As a result of the study of new topics with the help of multimedia tools, interest in the educational process, acquired knowledge increases. It is divided into independent and differential evaluation using digital testing tools, with the ability to evaluate on the principles of accuracy and transparency [2].

The widespread introduction of digital platforms and multimedia in Uzbekistan has led to many positive results in the educational system in recent years. Interactive lessons for students, distance learning, electronic portals, full access to information resources have become available. This, in turn, laid the groundwork for the communication of knowledge on the basis of advanced pedagogical approaches, the promotion of independent

and creative work, the active introduction of modern technologies and the development of innovative thinking. The importance of modern technologies in education is manifested, first of all, in increasing the efficiency of obtaining knowledge at all stages of educational activity. Through digital platforms, teachers will have the opportunity to control the assimilation of subjects, assess the development of students, develop individual approaches [3]

Students, on the other hand, will have favorable conditions for independent education, increasing the level of knowledge, and fully preparing for modern professions and specialties. Even in science and scientific research, the possibilities of digital platforms and multimedia tools are endless. By conveying scientific information, conducting experiments and analyzes Strictly and accurately, it is possible to convey results in a visually simple and accurate way through the use of graphic and animated tools related to analytical information. This process also contributes to the development of methodological innovations in science, quality analysis and monitoring, modern competencies. In general, digital platforms and multimedia tools provide a wide range of innovative opportunities at all stages of the educational process, regardless of whether they are Institution, general secondary, vocational or higher education. This process increases the flexibility, openness, ease and practical importance of the educational system to modern requirements [4].

Conclusion

In conclusion, the use of digital platforms and multimedia Tools serves to increase efficiency, accuracy and speed in education, the introduction of advanced pedagogical technologies, the transmission of knowledge on the basis of modern approaches, the participation of students and teachers, independent education and mastering. Such advanced approaches remain one of the most important tools in preparing the future generation in accordance with the requirements of the digital world, in the formation of modern competencies and in the creation of specialists with creative, innovative thinking. As the importance and potential of digital platforms and multimedia tools in education increases, it is possible to develop and achieve high results of the national education system through their effective and targeted application in the educational process.

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