

Methodology of Application of Digital Technologies in Primary Education

Yarashov Mardon Jobirovich

Teacher at Bukhara State University, Uzbekistan

ABSTRACT

This article discusses changes in the education system, effective means in this process. In addition, the educational process introduces various forms of digital technology, as well as the conveniences in the application of these technologies.

KEYWORDS: *Digital technology, online, educational, process, text, animation, educational process, presentation*

How to cite this paper: Yarashov Mardon Jobirovich "Methodology of Application of Digital Technologies in Primary Education" Published in International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-6 | Issue-6, October 2022, pp.1395-1398,

URL:
www.ijtsrd.com/papers/ijtsrd52080.pdf



Copyright © 2022 by author (s) and International Journal of Trend in Scientific Research and Development Journal. This is an Open Access article distributed under the terms of the Creative Commons Attribution License (CC BY 4.0) (<http://creativecommons.org/licenses/by/4.0>)



I. INTRODUCTION

The educational process is a set of student-teacher interactions aimed at achieving a set goal and changing the individual qualities of students.

All of the above elements play an important role in achieving good results in the educational process. One of them is educational tools. The role of educational tools in educating the younger generation is invaluable. It is no exaggeration to say that digital technology is the main tool of education today. Because in this age of technology, it is impossible to imagine the educational process without digital technologies. Digital technologies not only help students develop knowledge, skills, competencies and competencies, but also facilitate the work of the teacher.

The introduction of multimedia lessons in primary school is beneficial in every way. In these multimedia, text, graphics, animation, audio, and video are the main tools to keep the student interested in the learning process.

Another important tool that affects the presentation is animation. Unlike text and graphics, this is time-

based media. The visual effects of animation have an impact at every stage of the learning process. Animations typically take the form of the movement of an object across the screen, consisting of user-controlled movement of the object, curves, and full animation files.

II. MATERIALS AND METHODS

Uses sound in all forms of oral communication. Digital technology can transmit sound around the world. The teacher's voice is a key tool in imparting knowledge and information to students. A multimedia system requires the use of speech, music, or special sound effects. The speech used for teaching should be short and integrated with the media. Sound effects should be used in addition to the text.

Video files are used to make the information provided in the teaching process convincing or to visualize abstract concepts. In addition, the demonstration of the fun moments of the lesson, as well as the demonstration of the text of the problems to be solved in mathematics lessons, will be more effective. This is because displaying the situations described in the text

through gestures, that is, showing them through a video file, speeds up the process of understanding and comprehension.

It is well known that today the use of digital technologies is a basic requirement in many areas. This, in turn, is important for education. Now, with the help of digital technologies, teachers can present materials more effectively, so the teaching opportunities are significantly expanded and the quality of education is improved.

Today, teachers can interact with colleagues, other institutions, and schools around the world. They have the opportunity to participate in webinars, video conferences, online chats.

Digital technology in education is a way to create a modern learning environment based on digital technology.

In our daily lives, digital technologies are evolving at a tremendous rate. The activities of many industries are moving to digital systems: hospitals, catering establishments, educational institutions and so on.

Specialists are increasingly working to convert the school curriculum into electronic form. In the process of implementing this idea, not only the education system but also its meaning and purpose will change.

In this age of globalization, as our education system goes digital, so will the use of the Internet. Because learning about materials on educational platforms, completing assignments, and finding the information they need is all about connecting to the Internet.

The modern form and content of school education is radically different from the previous education system. Digitization of education is the name of the process of transition to an electronic system. It is difficult to talk in detail about future changes at the moment, but now we can correct and change these mistakes and shortcomings. In the near future, teaching materials, plans, class journals - all this will be available online.

Many online learning platforms and applications are still available today. With the help of these, students have the opportunity to take lessons without leaving home, using the Internet, and test their knowledge through online Olympiads and tests.

Today, schools are equipped with modern technologies. Every educational institution is provided with computers, electronic whiteboards, fiber-optic Internet, etc. to access the information system.

Nowadays, teachers need to carefully study the education system that is being updated and digitized.

Because the essence of this profession will change radically. The digitalization of the education system allows for independent study of educational materials. In this process, the teacher acts as an assistant, a facilitator.

III. CONCLUSION

Since the education system, which is organized by digital technologies, involves independent work, students understand that they should strive for knowledge from an early age, to achieve it with their own strength and hard work. Such digitalization of the education system will further strengthen the ability of students to think independently in the future.

Studies show that color images help people remember information better. It also contributes to the development of creative abilities. Therefore, the colorful presentation of learning materials through digital technologies not only stimulates students' curiosity, but also allows them to better store information in their memory.

This, in turn, will contribute to improving the quality of education. Because every change and innovation in the educational process is aimed at bringing up the younger generation in a comprehensive and harmonious way!

REFERENCES

- [1] YARASHOV M. BOSHLANG 'ICH SINF MATEMATIKA TA'LIMINI IJODIY TASHKIL ETISHDA TA'LIM TAMOYILLARINING O'RNI //ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ. – 2020. – Т. 1. – №. 1.
- [2] Jobirovich, Yarashov Mardon. "Advantages of the Introduction of Digital Technologies into the Educational Process." Pindus Journal of Culture, Literature, and ELT 7 (2021): 17-20.
- [3] Jobirovich Y. M. The Role Of Digital Technologies In Reform Of The Education System //The American Journal of Social Science and Education Innovations. – 2021. – Т. 3. – №. 04. – С. 461-465.
- [4] Xoliquovich J. R. Toponymics-a Linguistic Phenomenon in The Work of Sadridin Aini //Middle European Scientific Bulletin. – 2021. – Т. 8.
- [5] Ярашов М. THE IMPORTANCE OF USING DIGITAL TECHNOLOGY IN PRIMARY SCHOOL MATHEMATICS EDUCATION //ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.uz). – 2020. – Т. 10. – №. 9.

- [6] Ярашов М. ТА'ЛИМ ТИЗИМИДА РАҚАМЛИ ТЕХНОЛОГИЯЛАРНИНГ О'РНИ //ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.uz). – 2021. – Т. 5. – №. 5.
- [7] Ярашов М. BOSHLANG'ICH SINFLARDA МАТЕМАТИКА ТА'ЛИМИНИ РАҚАМЛИ ТЕХНОЛОГИЯЛАР ОРҚАЛИ ИЖОДИЙ ТАШКИЛ ETISH JARAYONI //ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.uz). – 2021. – Т. 5. – №. 5.
- [8] YARASHOV M. BOSHLANG'ICH TA'LIM JARAYONIGA RAQAMLI TEXNOLOGIYALARNING TADBIQ ETISH METODIKASI //ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.uz). – 2021. – Т. 8. – №. 8.
- [9] YARASHOV M. BOSHLANG'ICH TA'LIMDA XALQARO VAHOLASH TIZIMI //ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.uz). – 2022. – Т. 17. – №. 17.
- [10] YARASHOV M. BOSHLANG 'ICH SINFLARDA FANLARNI O 'ZARO INTEGRATSIYALASHNING O 'ZIGA XOS XUSUSIYATLARI //ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.uz). – 2022. – Т. 17. – №. 17.
- [11] YARASHOV M. BOSHLANG 'ICH TA'LIMNING DARS JARAYONLARIGA RAQAMLI TEXNOLOGIYALARNI TADBIQ ETISH VOSITALARI //ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.uz). – 2022. – Т. 15. – №. 15.
- [12] Jobirovich, Yarashov Mardon. "TOOLS OF USING DIGITAL TECHNOLOGIES IN PRIMARY EDUCATIONAL COURSES." EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE 2.4 (2022): 119-123.
- [13] Jobirovich, Yarashov Mardon. "EFFECTIVENESS OF USING DIGITAL TECHNOLOGIES IN EDUCATIONAL SYSTEM." EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE 2.4 (2022): 124-128.
- [14] Jobirovich, Y. M. "1-3. Abstract: This article describes the integration and usefulness of subjects in the classroom. Not only several disciplines but also interdisciplinary interrelationships are highly effective and motivate students to take lessons. Keywords: Integration, Education, Effective Lesson, Method, Practice, Course, Action, Didactic, Construction." (2022).
- [15] Yunusovna Y. S. METHODOLOGY OF FORMATION OF GRAPHIC SKILLS IN PRIMARY SCHOOL STUDENTS //EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE. – 2022. – Т. 2. – №. 4. – С. 129-133.
- [16] Yunusovna Y. S. METHODOLOGY OF FORMATION OF GRAPHIC SKILLS IN PRIMARY SCHOOL STUDENTS //EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE. – 2022. – Т. 2. – №. 4. – С. 129-133.
- [17] Abdullayeva F. TA'LIM TIZIMI SIFATINI OSHIRISHDA PISA VA TIMSS KABI XALQARO TADQIQOTLARNING ROLI //ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.uz). – 2021. – Т. 3. – №. 3.
- [18] Babaeva, B. S. (2021). The effect of Studying Morphology in Modeling Syntactic concepts in the lessons of the native Language in Primary Grades. Middle European Scientific Bulletin, 10.
- [19] Rasulovna H. M. THE LITERARY OF ANTHROPONYMS //Chief Editor.
- [20] Ibrohimova M. F. IMPROVING INTEGRATION IN TEACHING ARITHMETIC PRACTICES IN PRIMARY SCHOOL MATHEMATICS //УЧЕНЬИ XXI BEKA. – С. 31.
- [21] Mamanazarovna O. U., Gulnoza M. USE OF DIDACTIC GAMES IN MOTHER TONGUE LESSONS. – 2021.
- [22] Omonova, D. N. Q. (2021). The Linguistic competence in language teaching based on Integrative Approach. In World science: problems and innovations (pp. 213-215).
- [23] Abdurakhimovna K. S. Idealistic Study of Proverbs //International Journal on Integrated Education. – Т. 3. – №. 11. – С. 201-202.
- [24] Mukhammedovna, K. M. (2021). Problems of Finding Two or More Numbers from their Sum (Or Difference) and Multiple Ratios.
- [25] Курбанова, Ш. Н. (2020). Преподавание математики в начальных классах. In European research: innovation in science, education and technology (pp. 97-100).

- [26] Radzabova K. N. Pedagogical Conditions for Improving Research Activity in Future Primary School Teachers. – 2021. НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.uz). – 2020. – Т. 2. – №. 2.
- [27] Sadulloyeva M. “NATIONAL CULTURE IN THE FABLES OF GULHANIY //ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.uz). – 2020. – Т. 10. – №. 9. [29] Xayrulloeva D. System of Creative Exercises and Tasks in Primary School Mother Tongue Textbooks //ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.uz). – 2021. – Т. 7. – №. 7.
- [28] Tog'ayeva U. SCIENTIFIC-THEORETICAL BASES OF USE OF PEDAGOGICAL TECHNOLOGIES IN TEACHING METHODS OF MOTHER TONGUE //ЦЕНТР [30] Salixov S. M. et al. Musobaqa oldi sportdagi stress va tayyorgarlikning psixologik tomonlari //Science and Education. – 2022. – Т. 3. – №. 4. – С. 1039-1044.

