

APPLICATION OF THE CONCEPT OF DIGITAL LITERACY IN PRIMARY SCHOOL STUDENTS

Hayitov A.I

*National Pedagogical University of
Uzbekistan named after Nizami
Teacher of the Department of
primary education pedagogy*

Fayzullaeva F.I

*National Pedagogical University of
Uzbekistan named after Nizami
Beginner education 2nd year student*

Annotation: *this scientific article analyzes the issues of the formation of the concept of digital literacy in primary school students and its effective application in the educational process.*

Keywords: *primary class, digital literacy, educational process, digital technology, innovation in education, digital skills.*

Аннотация: *В данной научной статье анализируются вопросы формирования понятия цифровой грамотности у младших школьников и ее эффективного применения в образовательном процессе.*

Ключевые слова: *начальная школа, цифровая грамотность, образовательный процесс, цифровые технологии, инновации в образовании, цифровые навыки.*

Annotatsiya: *Ushbu ilmiy maqolada boshlang'ich sinf o'quvchilarida raqamli savodxonlik tushunchasini shakllantirish va uni ta'lim jarayonida samarali qo'llash masalalari tahlil qilinadi.*

Kalit so'zlar: *Boshlang'ich sinf, Raqamli savodxonlik, Ta'lim jarayoni, Raqamli texnologiyalar, ta'limda innovatsiya, raqamli ko'nikmalar.*

In the modern world, information and communication technologies (ICT) are causing drastic changes in all spheres of our life, in particular in the educational system. Digital literacy, the ability to effectively and safely use modern technologies, is an important qualification for every person today. For Primary School students in particular, the formation of digital literacy serves as the foundation for their success in future educational and life activities. In the primary education stage, introducing the concept of digital literacy to students involves not only teaching the use of technology, but also developing the skills of seeking information, analyzing it and applying it in a creative way. Therefore, the introduction of digital tools and interactive techniques in the educational process has a positive effect on the learning of students and prepares them for modern society. This article analyzes the theoretical and practical aspects of the formation of the concept of digital literacy in primary school students, as well as pedagogical approaches and methodological recommendations. The purpose of the article is to

identify ways to effectively promote digital literacy in primary education institutions and contribute to improving the quality of Education.

The main purpose and relevance of the study: G. This article analyzes the theoretical and practical aspects of the formation of the concept of digital literacy in primary school students, as well as pedagogical approaches and methodological recommendations. The purpose of the article is to identify ways to effectively promote digital literacy in primary education institutions and contribute to improving the quality of Education.

1. The main purpose and relevance of the study: G.M. Heydarova and Sh.H. In his articles, Olimboyeva pays special attention to the issue of the formation of scientific literacy of Primary School students. In their opinion, in today's digital age, it is important not only to study technologies in the educational process, but also to apply them to knowledge and practice, to critically analyze information and develop a scientific approach. From this point of view, the need arises for a deep study of the digital world and the development of appropriate pedagogical approaches to it.

2. The concept of scientific literacy Scientific literacy is the student's ability to understand, observe and interpret environmental phenomena on a scientific basis, as well as to identify the problem and look for ways to solve it. Heydarova and Olimboeva talk about the role of digital technologies and interactive tools in the formation of these skills. Scientific literacy is the student's ability to understand, observe and interpret environmental phenomena on a scientific basis, as well as to identify the problem and look for ways to solve it. Heydarova and Olimboeva talk about the role of digital technologies and interactive tools in the formation of these skills. They believe that the development of scientific literacy in primary education serves as the basis for strengthening students' critical thinking, teaching scientific methodology and directing them to creative activities.

3. Introducing the digital world and its importance: the article covers a wide range of the concept of the digital world, giving readers a detailed discussion of digital technologies, virtual Environments, interactive applications, and expanding access to education through online resources. According to Heydarova and Olimboyeva, teaching students in the elementary grade to use modern digital tools, the formation of skills for mastering and creative use of them is an important part of not only technological, but also spiritual and moral progress.

4. Methodological approaches: their developed methodology is based on the effective use of interactive educational tools. This methodology aims to arouse the interest of students, make the educational process more lively and direct each child to their personal development. Recommendations for teachers include:

Incorporating interactive activities and multimedia elements into lesson plans to promote digital literacy. Organize exercises for students to analyze data, identify problems and solve them. Teaching basic knowledge about information security and internet ethics. Encouragement to perform creative work using digital tools.

5. Personal and social development of students: the article also emphasizes that digital literacy serves to develop the personal characteristics of students – responsibility, independence, skills to work in a team, critical thinking. The process of acquiring knowledge through digital technologies prepares students to be successful in modern society.

6. The results and conclusions of the study: in their articles, Heydarova and Olimboyeva study the effectiveness of the process of integrating digital technologies in primary education and draw the following main conclusions: the formation of digital literacy improves the quality of education and increases the interest of students in their knowledge. The development of skills to improve the skills of educators and the application of modern technologies is necessary to improve the quality of primary education.

Digital education methodology plays an important role in developing students' creative and critical thinking skills. Digital literacy is also important in the personal and social development of students. The formation of digital literacy at the stage of primary education is considered one of the most urgent tasks of today's educational process. In the modern world, where digital technologies are rapidly developing, it is important to teach children not only the skills of using technology, but also to develop their thinking skills, creativity and problem-solving skills. Therefore, the development of digital literacy in primary school students is the main condition not only to improve the quality of education, but also to educate the younger generation in accordance with the requirements of modern society. As mentioned in the article, interactive tools, electronic textbooks and online platforms are needed for the successful integration of the concept of digital literacy into the educational process. It is also important to increase the methodological competencies of Educators of digital education, to develop and introduce methodological recommendations on the effective application of modern technologies for them. This in turn allows the educational process to be personality-oriented, fun, and productive.

The results of scientific research show that digital literacy increases the motivation of students to acquire knowledge, develops independent thinking and creative approaches. At the same time, with the help of digital technologies, the educational process can be adapted to the needs of individual students, which will serve to fully reveal each child's abilities. In addition, the process of forming digital literacy also helps students develop important skills such as information security, internet ethics. This promotes the younger generation to be conscious not only in the use of technology, but also in their safe and rational use. As a result, the development of digital literacy in primary education contributes immensely to the improvement of the quality of the modern educational system, the innovation of pedagogical processes and the personal and intellectual development of children. Therefore, educational institutions, teachers and specialists should pay special attention to this direction and continue work on the effective and systematic integration of digital technologies into the educational process. In conclusion, the formation of digital literacy in primary school students is an important factor not only in the study of technology, but also in the upbringing of the younger generation as independent, critically thinking, creative and successfully functioning individuals in modern society.

LIST OF LITERATURE USED:

1. Haydarova G.M., Olimboyeva Sh.H. “Boshlang‘ich ta‘limda ilmiy savodxonlik va raqamli dunyoni o‘rganish metodikasi.” *Modern Education and Development*, 2025, №2, 34-42-betlar.
2. O‘zbekiston Respublikasi Prezidentining 2023-yil 10-fevraldagi “Boshlang‘ich ta‘lim muassasalarida raqamli texnologiyalarni keng joriy etish va o‘qituvchilarning AKT kompetensiyalarini oshirish choralari to‘g‘risida” qarori. Tashqi siyosat va ijtimoiy sohalar, 2023.
3. Ergasheva X. “Boshlang‘ich sinf o‘quvchilariga raqamli texnologiyalar asosida ta‘lim berish metodikasi.” *Ta‘lim va Innovatsiyalar*, 2024, №1, 56-63-betlar.
4. HAYITOV, A. (2021). BOSHLANG‘ICH TA‘LIM PEDAGOGIKASI, INNOVATSIYA VA INTEGRATSIYASI.
Mahkambayevna, E. G. Z., Sharapat, Y., Isomidin o‘g‘li, H. A., & Zoda, T. L. M. T. (2024). CONTENT OF DEVELOPMENT OF REFLECTIVE COMPETENCE OF FUTURE PRIMARY CLASS TEACHERS ON THE BASE OF INTEGRATIVE LESSONS. *CAHIERS MAGELLANES-NS*, 6(2), 6893-6899.
5. Hayitov, A., & Yusupova, I. (2022). Integrativ yondashuv asosida boshlang‘ich sinf o‘quvchilarida mantiqiy fikrlash kompetensiyalarini rivojlantirish usullari. *Science and innovation*, 1(B7), 1262-1267.
6. Hayitov, A., & Azizova, S. (2022). Abu nasr farobiyning “fozil odamlar shahri” asari-bugungi kun yoshlarining ma‘naviyat maktabi sifatida. *Science and innovation*, 1(B7), 432-438.
7. Hayitov, A. I., & Azizova, S. (2023). Abdulla avloniy darsliklaridagi axloqiy sifatlar tahlili. In *Proceedings of International Conference on Educational Discoveries and Humanities* (Vol. 2, No. 3, pp. 101-105).
8. Hakimov, F. N., & Ahmadova, G. N. (2025). THE CURRENT ROLE AND IMPORTANCE OF DISTANCE EDUCATION IN BEGINNER CLASSES. *SCIENTIFIC APPROACH TO THE MODERN EDUCATION SYSTEM*, 3(34), 95-98.
9. Norboy o‘g‘li, H. F. (2024, March). Raqamli Ta‘lim Jarayonini Elektron Muhitda Qurishning Psixologik-Pedagogik Jihatlari. In *International Conference on Linguistics, Literature And Translation* (London) (Vol. 1, pp. 56-58).