

## DIGITAL PEDAGOGY UNDER THE CIRCUMSTANCES ELEMENTARY CLASS TEACHERS INFORMATION CULTURE DEVELOP METHODS

*Kokand State University  
Ergasheva Khilolokhon Muydinjonovna*

**Abstract:** This article analyzes the need to develop the information culture of future primary school teachers within the framework of digital pedagogy, focusing on methodological approaches and the role of modern ICT tools. It explores ways to improve digital literacy, promote critical and conscious use of information resources, and integrate ICT into teaching practices.

**Keywords:** digital pedagogy, information culture, primary education, teacher training, ICT competence

**Annotatsiya:** Ushbu maqolada raqamli pedagogika sharoitida bo'lajak boshlang'ich sinf o'qituvchilarining axborot madaniyatini rivojlantirish zarurati, metodik yondashuvlar va zamonaviy AKT vositalarining o'rni tahlil qilingan. Maqolada raqamli savodxonlikni oshirish, axborot manbalaridan ongli va tanqidiy foydalanish, pedagogik faoliyatda AKTni integratsiyalash orqali axborot madaniyatini shakllantirish yo'llari ko'rib chiqilgan.

**Kalit so'zlar:** raqamli pedagogika, axborot madaniyati, boshlang'ich sinf, o'qituvchi tayyorlash, AKT kompetensiya.

**Аннотация:** В статье рассматриваются необходимость развития информационной культуры будущих учителей начальных классов в условиях цифровой педагогики, методические подходы и роль современных ИКТ-средств. Анализируется повышение цифровой грамотности, осознанное и критическое использование информационных ресурсов, а также интеграция ИКТ в педагогическую деятельность.

**Ключевые слова:** цифровая педагогика, информационная культура, начальная школа, подготовка учителей, ИКТ-компетентность.

**Introduction.** Modern education system intensity with is being digitized. Therefore, the initial education in the phase activity driver future teachers information culture formation current from issues one Information culture is not only technological from tools use skill, maybe information critical evaluation, sorting and him/her to the goal appropriate hand to take is the ability.

### 1. Digital pedagogy main concepts

Digital pedagogy - digital technologies by means of education content, methods and forms modernization This is a process. pedagogy new shape education recipients personalized study to the needs adaptation opportunity gives. Future teachers this to the field readiness they take going education quality with directly is related.

### 2. Information culture structural parts

Future elementary class teachers information culture following structural from parts consists of :

- Information search and analysis to do skills
- Information safety and personal information protection culture
- Digital tools pedagogical to activity adaptation
- Information critical and moral ability to evaluate

### 3. Information culture develop methods

Future teachers information culture in development following from methods can be used :

#### 3.1. Interactive education technologies

- Via Google Classroom, Moodle, Zoom training process organization to grow
- Online tests, quizzes, digital projects

#### 3.2. Digital resources with work training

- Electronic textbooks and video lessons with work
- Open Access journal and information from the bases use

### 3.3. Critical thinking developer assignments

- Fact and the idea separation
- Various sources analysis to do
- Social on the networks of information reliability check

### 4. Digital in the environment information culture in teaching problems

- Students technological to the tools limited opportunity
- Teachers-professors ICT competence of the staff low
- Software platforms permanent variability

### 5. Proposal and recommendations

- Pedagogy in the direction of supreme training "Digital" in their countries "pedagogy" subject current to grow
- Teacher in preparation practical training share increase
- Students digital culture formation for teacher personal sample to be need

**Conclusion.** Future elementary class teachers information culture development - modern education. This process is only technician knowledge not, maybe pedagogical approach, information critical attitude and moral to the standards justification need. Digital technologies right hand able to teacher - future generation education quality is a guarantee.

### References:

1. Эргашева, Хилолахон. "Использование математических игр на уроках математики." *Știință, educație, cultură*. Vol. 1. 2020.
2. Qizi, Askaraliyeva Mukhtasarkhon Azizjon, and Ergasheva Hilolaxon Muydinjonovna. "TECHNOLOGICAL METHODS IN TEACHING MATHEMATICS." *European Journal of Research and Reflection in Educational Sciences* Vol 8.6 (2020).
3. Tukhtasinovna, Abdunazarova Dilfuza, and Ergasheva Hilolaxon Muydinjonovna. "Develop Students' Knowledge, Skills And Competencies In The Learning Process." *JournalNX*: 397-399.
4. Ergasheva, Hilola. "DEVELOPING INDUCTIVE AND DEDUCTIVE REASONING IN STUDENTS." *Scientific Bulletin of Namangan State University* 3.5 (2021): 22-26.
5. Ergasheva, Khilola Muydinjonovna. "THE WONDERFUL SECRETS OF MATHEMATICS." *Scientific Bulletin of Namangan State University* 2.6 (2020): 10-14.
6. Atamuratova, T., X. Ergasheva, and M. Qurbonov. "Mutaxassislik fanlarini o 'qitish metodikasi." T.: -2008 (2008).
7. Muydinjonovna, Ergasheva Hilolaxon. "SKETCH UP SOFTWARE AND ITS CAPABILITIES." *Gospodarka i Innovacje*. 41 (2023): 400-403.
8. Ergasheva, Hilolaxon. "DEVELOPMENT OF DISTANCE EDUCATION IN HIGHER EDUCATION INSTITUTIONS." *Theoretical aspects in the formation of pedagogical sciences* 2 (2023): 74-78.
9. Muydinjonovna, Xilolaxon Ergasheva. "BOSHLANG'ICH SINIF O'QUVCHILARINING AKT SAVODXONLIGINI RIVOJLANTIRISH TEXNOLOGIYALARI." *Yangi O'zbekiston taraqqiyotida tadqiqotlarni o'rni va rivojlanish omillari* 1 (2023): 267-270.
10. Muydinjonovna, Xilolaxon Ergasheva. "BOSHLANG'ICH SINIF O'QUVCHILARINING ONA TILI VA O'QISH SAVODXONLIGINI RIVOJLANTIRISH TEXNOLOGIYALARI." *Proceedings of International Educators Conference*. Vol. 2. No. 11. 2023.
11. Muydinjonovna, Ergasheva Hilolaxon. "Forms and Methods of Teaching in Distance Learning." *American Journal of Public Diplomacy and International Studies* (2993-2157) 1 (2023): 267-269.

12. Muydinjonovna, Ergasheva Xiloloxon. "Solving economic issues in MATHCAD." INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 8.036 11.07 (2022): 5-10.
13. Эргашева, Хилола, and Дилшод Султанов. "О преподавании математики в интеграции с иностранными языками." Молодой ученый 3-1 (2016): 24-25.
14. Muydinjonovna, Ergasheva Xiloloxon. "TA'LIM SIFATINI BOSHQARISHDA ZAMONAVIY RAQAMLI TEXNOLOGIYALARNING AHAMIYATI." ZAMONAVIY TA'LIMDA RAQAMLI TEXNOLOGIYALARDAN FOYDALANISH ISTIQBOLLARI 1.1 (2024): 352-355.
15. Muydinjonovna, Ergasheva Hilolakhon. "Methods for solving international mathematical olympiad." European Journal of Research and Reflection in Educational Sciences Vol 7.12 (2019).
16. Siddikovna, Ahmedova Zebikhon, Marasulova Zulayho Abdullayevna, and Yuldashev Abdurauf Rozmatjonovich. "Innovations and Advanced Foreign Experiences in Teaching Informatics in Higher Education in Interdisciplinary Relations." JournalNX (2021): 371-374.