

Organization Of The Educational Process In Preschool Children Using Digital Interactive Tools

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ABSTRACT

The article examines the pedagogical possibilities of effectively organizing the educational process in preschool children using digital interactive tools. The study demonstrates the role of interactive technologies in enhancing children's cognitive, creative, and communicative development and provides a foundation for implementing methodological innovations in preschool education.

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Аннотация: В статье рассматриваются педагогические возможности эффективной организации образовательного процесса у детей дошкольного возраста с использованием цифровых интерактивных средств. Исследование демонстрирует роль интерактивных технологий в развитии когнитивных, творческих и коммуникативных навыков детей и служит основой для внедрения методических инноваций в дошкольное образование.

Ключевые слова: Дошкольное образование, цифровые интерактивные средства, образовательный процесс, развитие детей, педагогические методы.

Annotatsiya: Maqolada maktabgacha yoshdagi bolalarda raqamli interaktiv vositalardan foydalanib ta'lim jarayonini samarali tashkil etishning pedagogik imkoniyatlari tahlil qilinadi. Tadqiqot bolalarning kognitiv, ijodiy va kommunikativ rivojlanishini oshirishda interaktiv texnologiyalarning rolini ko'rsatadi va maktabgacha ta'limda metodik innovatsiyalarni joriy etish uchun asos yaratadi.

Kalit so'zlar: Maktabgacha ta'lim, raqamli interaktiv vositalar, ta'lim jarayoni, bolalar rivoji, pedagogik metodlar.

Preschool education is the initial stage in which a child's personality begins to develop, and during this period, cognitive, social, emotional, moral, and creative skills are formed. Therefore, educators pay special attention to applying new pedagogical and technological approaches in teaching preschool children. Nowadays, digital technologies (tablets, interactive boards, educational applications, and gaming platforms) make the learning process for children more effective, engaging, and interactive. Using digital tools, children can:

- strengthen attention and memory,
- develop thinking and problem-solving skills,
- enhance creative and communicative abilities,
- learn through play and prepare for independent activity.

Moreover, digital technologies provide opportunities to introduce pedagogical innovations in preschool education. According to UNESCO and UNICEF recommendations, digital pedagogy helps develop critical thinking in problem-solving situations and fosters creative skills in children.

Preschool education represents the most crucial period in the formation of a child's personality, as cognitive, social, emotional, and creative abilities are established during this stage. Today, the role of digital technologies in organizing the learning process effectively is increasingly recognized. Digital interactive tools (tablets, interactive boards, educational applications, and gaming platforms) attract children's attention, make learning engaging, and ensure learning through play. Additionally, integrating national values and pedagogical methods in preschool education can help develop moral and ethical skills in children. From this perspective, organizing the educational process in preschool children using digital interactive tools is one of the pressing issues of modern pedagogy. This study focuses on examining the pedagogical possibilities of this process, identifying effective methods, and promoting innovative approaches in preschool education.

The pedagogical approaches for organizing the educational process in preschool children using digital interactive tools include the following:

Learner-centered approach – takes into account each child's abilities and individual characteristics.

Activity-based approach – reinforces knowledge through interactive activities, games, and practical projects.

Play and dramatization approach – develops children's creative and social skills through interactive play.

Competency-based approach – contributes to the development of cognitive, communicative, and creative competencies in children.

Technological approach – modernizes the educational process through the effective use of digital tools.

The pedagogical approaches mentioned above provide both the theoretical and practical foundation for effectively organizing the educational process in preschool children using digital interactive tools. Each approach has its specific goals and functions: the learner-centered approach ensures individual development, activity-based and play-dramatization approaches strengthen knowledge and creative skills, the competency-based approach develops cognitive, communicative, and creative competencies, and the technological approach makes the educational process modern and interactive.

Using digital interactive tools, the main skills developed in preschool children include:

- Cognitive development: attention, memory, thinking, and problem-solving skills.
- Creative development: drawing, dramatization, storytelling, music, and construction-based play.
- Communicative development: communication skills, social abilities, and group collaboration.
- Moral and ethical development: understanding respect, empathy, family, and societal values.

The content aspects align with the standards of preschool education programs and take into account the age characteristics of children. Digital interactive tools enable the effective organization of the educational process in preschool children through the following stages:

Information delivery: explaining topics using video lessons, interactive stories, animations, and multimedia materials.

Discussion: reinforcing knowledge through interactive Q&A sessions, quizzes, and virtual problem-solving scenarios.

Practical activity: applying knowledge through digital projects, storytelling, presentations, and mini-projects.

Reflection and assessment: online tests, short feedback, and evaluation of children's activities.

These processes correspond to the principles of preschool pedagogy and comply with UNESCO recommendations.

When digital interactive technologies are used effectively in preschool education, the following outcomes can be achieved:

- ✓ Children's attention, memory, and thinking skills are developed.
- ✓ Creative and communicative skills are enhanced.
- ✓ The learning process becomes engaging and interactive.
- ✓ Moral and ethical values are formed in children.

Opportunities are created for educators to implement methodological innovations.

References

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