

**THE IMPORTANCE OF USING MODERN TECHNOLOGIES IN PRIMARY  
EDUCATION**

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**Annotation:** This article analyzes the significance of using modern technologies in primary education. It examines the role of technologies in improving the quality of education and developing critical and creative thinking in students. Modern technologies, such as interactive whiteboards, online resources, and mobile applications, provide new opportunities for effective teaching. The article discusses methods of integrating these technologies into the educational process and their impact on both students and teachers. It also emphasizes the importance of training future teachers to use modern technologies effectively.

**Keywords:** Modern technologies, primary education, interactive technologies, students, teachers, educational innovations, e-learning, mobile applications.

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**Introduction**

One of the most important factors in the modern education system is the effective integration of technologies into the teaching process. In the educational system of Uzbekistan, integrating innovative approaches and modern technologies is essential for improving the quality of education, developing new ways of thinking in students, and enhancing the teaching process. Therefore, it is crucial to train future primary education teachers to use modern technologies. This article discusses the importance of using modern technologies in primary education, methods of applying them in the teaching process, and their impact on students.

**The role of modern technologies in education**

Modern technologies, such as interactive whiteboards, e-learning platforms, mobile applications, and online resources, create opportunities to make the teaching process more effective and engaging. These technologies enhance interaction between teachers and students, allowing for personalized learning. For example, with interactive whiteboards, teachers can deliver lectures dynamically, and students can express their opinions.

**The importance of using modern technologies in teaching**

- 1. Increasing motivation:** Modern technologies increase students' interest in lessons and their participation. For instance, through digital platforms, students can better understand lesson materials and have the opportunity to study at their own pace and convenience.
- 2. Personalized learning:** Through online educational resources, teaching can be tailored to meet the individual needs of students. Teachers can personalize lessons considering each student's learning speed and interests.
- 3. Developing skills:** With the help of technologies, students' communication, problem-solving, creative, and critical thinking skills are developed.

**Approaches to applying technologies in primary education**

Teachers can adopt the following approaches when applying modern technologies in primary education:

1. **Interactive whiteboards and audiovisual materials:** Using interactive whiteboards and audiovisual materials helps students better understand educational content.
2. **Online platforms and applications:** Providing tests, quizzes, and exercises through online platforms and mobile applications helps develop students' independent working skills.
3. **Virtual laboratories and simulators:** Using virtual laboratories and simulators allows students to integrate theoretical knowledge with practical experience.

### **The necessity of teaching Teachers to use modern technologies**

Teaching teachers how to use modern technologies helps make their pedagogical activities more effective. Training teachers on how to use new technologies and integrate them into the teaching process is essential. For this purpose, organizing special training sessions, courses, and seminars for teachers is necessary.

### **Opportunities for applying modern technologies in primary education**

1. **Opportunities for teachers:** Teachers have the opportunity to conduct lessons more effectively and create an interactive environment with students.
  2. **Opportunities for students:** Students have the opportunity to reinforce their knowledge, develop new skills, and participate more actively in education.
- Modern technology is transforming the traditional classroom into a **dynamic and interactive learning environment**. Here's why it matters:

**Early exposure:** Introducing students to technology at a young age prepares them for the digital world.

**21st-century skills:** Encourages development of key skills like digital literacy, problem-solving, and collaboration.

**Adaptability:** Helps cater to diverse learning styles (visual, auditory, kinesthetic)

#### **Practical tools and technologies**

Modern technologies commonly used in primary education include:

**Interactive whiteboards:** Allow teachers to present content visually and engage students in activities.

**Tablets & laptops:** Enable individualized learning and research.

**Learning management Systems (LMS):** Platforms like Google Classroom or Edmodo support remote and blended learning.

**Educational apps:** Tools like Khan Academy Kids, ClassDojo, and ABCmouse make learning fun and interactive.

**Gamification:** Platforms like Kahoot! and Quizizz turn assessments into games to motivate learners.

#### **Pedagogical benefits**

**Enhanced engagement:** Interactive content increases student attention and motivation.

**Formative assessment:** Teachers can get real-time data on student performance and adjust instruction accordingly.

**Differentiated instruction:** Technology allows teaching to be tailored to different abilities, languages, and interests.

**Student-centered learning:** Shifts the focus from passive listening to active participation.

### **Conclusion**

Applying modern technologies in primary education provides teachers with opportunities to make the teaching process more effective and engaging. Introducing future primary education teachers to modern technologies and integrating them into the pedagogical process enhances students'

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learning effectiveness and develops their creative thinking and critical approaches. Therefore, teaching the use of technologies in education is of significant importance for the future of the education system.

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