

USE OF PEDAGOGICAL TECHNOLOGIES IN PRIMARY CLASSES

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Abstract

This article discusses the importance of using pedagogical technologies in primary classes and their impact on students. In the modern education system, innovative pedagogical technologies play an important role in making the educational process effective and interesting. The article provides detailed information on understanding pedagogical technologies, their application in primary education, their advantages and effective methods of use. Interactive tools, digital platforms, gamification and project-based learning methods serve to make the educational process in primary classes more effective and active. The article also discusses how the use of technologies benefits students and helps teachers.

Keywords: Primary education, pedagogical technologies, innovative technologies, interactive learning, gamification, digital learning platforms, project-based learning, electronic textbooks, multimedia materials, educational effectiveness, student activity.

Introduction

The modern education system requires the use of new approaches and technologies for its development. Primary education, along with teaching students basic knowledge, pays great attention to their personal development and the formation of practical skills. The use of pedagogical technologies appropriate to the age characteristics of primary school students helps to make the educational process more effective and interesting. Today, pedagogical technologies are an important tool that makes the educational process interactive, active, and changes the approach to students. The article will consider the importance of using pedagogical technologies in primary schools and their impact on students.

Understanding pedagogical technologies. Pedagogical technologies are a set of various methods, techniques, tools and technological capabilities used to effectively organize the educational process and provide students with



knowledge.[1] Through pedagogical technologies, the educational process becomes interesting, effective and interactive, encouraging students to actively participate. Innovative pedagogical technologies make it easier for students to learn, develop their creative potential, and organize lessons based on modern requirements.

The need to use pedagogical technologies in primary schools. The use of pedagogical technologies in primary school classes increases the activity of students, helps them consolidate their knowledge. Technologies play a major role in increasing students' interest, making the learning process interesting, and making lessons easier for them. Through pedagogical technologies, students acquire many important competencies, such as independent thinking, developing practical skills, and learning teamwork. At the same time, the use of technologies helps teachers effectively organize lessons and improve student results.[2]

Pedagogical technologies used in primary schools. Pedagogical technologies used in primary education consist of several different methods and techniques. Below are some of the most effective and widespread technologies among them:

Interactive educational tools. Interactive educational technologies serve to activate students' activities in the classroom. With the help of interactive whiteboards, multimedia tools, computers and other technologies, students have the opportunity to develop independent thinking and practical skills in the classroom. For example, when conducting mathematics, natural sciences or language lessons using an interactive whiteboard, students' understanding increases with the help of visual materials, animations and interactive exercises.

Digital educational platforms. The use of digital educational platforms is expanding to make education more interactive and effective through modern technologies.[3] Through platforms such as Google Classroom, Moodle, Zoom, Microsoft Teams, students have the opportunity to participate in online classes, take tests, receive educational materials and test their knowledge. These platforms allow teachers to analyze students' knowledge and manage the learning process.

Gamification (Game-based learning). Gamification is a method of organizing the educational process in the form of a game, which attracts students to learning. This method is especially effective in primary grades. Through games, students consolidate their knowledge, enter the learning process with interest and passion.

For example, games such as “crossword”, “puzzle” or “fish skeleton” in mathematics allow students to master knowledge in an interesting way.[4]

Project-Based Learning. Project-based learning means involving students in working on a specific issue or project. In primary grades, project-based work on topics such as ecology, science or history allows students to gain practical experience. This method develops students' teamwork skills and encourages them to use them in the process of solving real-life problems.

Electronic textbooks and multimedia materials.

Electronic textbooks and multimedia tools are one of the most widely used pedagogical technologies in primary education. With the help of video lessons, audio materials, images and animations, students learn more effectively. For example, in language learning, you can improve pronunciation using video materials or learn geometric shapes through animations in geometry lessons.[5]

Advantages of using pedagogical technologies. There are a number of advantages of using pedagogical technologies in primary education. Their main advantages are as follows:

1. **Increases student activity:** Interactive and gamification-based methods ensure active participation of students in the lesson.
2. **Develops creativity:** Innovative technologies stimulate creative thinking in students, encourage them to develop new approaches.
3. **Develops independent thinking:** Students are given the opportunity to independently improve their knowledge using digital platforms and multimedia tools.
4. **Makes lessons interesting and effective:** Organizing lessons in interactive, game-based and practical methods arouses more interest in students.
5. **Forms a positive attitude towards technology:** Students learn to use modern technologies effectively, which helps them to be competitive in the future.[6]

Conclusion

The use of pedagogical technologies in primary school lessons not only improves the quality of education, but also develops modern skills in students. Interactive tools, digital platforms, gamification and project-based learning methods make the educational process in primary schools effective and interesting. These technologies also increase student activity, develop creativity and form

independent thinking. At the same time, teachers improve their skills and create opportunities to use modern methods. The widespread introduction of innovative pedagogical technologies in the education system of Uzbekistan serves to educate the future generation as competitive and knowledgeable individuals.

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