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DEVELOPMENT OF PROFESSIONAL COMPETENCE IN PRIMARY EDUCATION STUDENTS THROUGH EDUCATIONAL PLATFORMS

Submission Date: November 09, 2024, **Accepted Date:** November 14, 2024,

Published Date: November 19, 2024

Crossref doi: <https://doi.org/10.37547/ijp/Volume04Issue11-36>

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ABSTRACT

This article analyzes the role and importance of educational platforms in the development of professional competence of primary education students. The relevance of the use of digital technologies in modern educational processes, the effectiveness of educational platforms in the quality organization of the educational process is highlighted. The article also shows the influence of platforms on the formation of professional knowledge, skills and qualifications of students, the role of practice-oriented approaches, and the mechanisms of expanding students' opportunities for self-development and independent education. At the end of the article, methodological recommendations for using digital platforms in primary education are presented.

KEYWORDS

Primary education, professional competence, educational platforms, digital technologies, independent education, practice-oriented approach, effectiveness of education.

INTRODUCTION

Today, the use of digital technologies and modern educational platforms in the field of education is gaining importance in improving the quality of education. The role of these platforms in the formation of professional competence of primary education students deserves special attention. Modern educational platforms serve as an effective tool for

developing students' ability to apply theoretical knowledge, mastering innovative approaches, and expanding opportunities for self-development.

At the same time, the integration of digital technologies in the educational process requires new methodological approaches. The development of

professional competence in the training of primary education pedagogues is not limited to theoretical knowledge, but also implies the formation of practical experience and creative thinking.

In this article, special emphasis is placed on the analysis of the importance of educational platforms in the development of professional competence of students in primary education, methods of their effective use, and the results of the integration of platforms into the educational process.

METHODOLOGY

In this study, the following methods were used in order to study the effective use of educational platforms in the development of professional competence of primary education students:

1. Theoretical analysis: The scientific and theoretical foundations of the use of educational platforms and digital technologies were studied. Modern researches and advanced pedagogical approaches were analyzed and flexible models for the educational process were formed.
2. Practical experience: special trainings on the use of educational platforms were conducted with the participation of students of primary education. During these trainings, students' ability to use platforms and the impact of this process on their professional knowledge and skills were evaluated.
3. Monitoring and diagnosis: In the process of using educational platforms, students' activities were monitored, and their mastery level and independent learning ability were diagnosed. It was monitored how the knowledge gained through the platforms is used in practice.

4. Survey and interview: Interviews were conducted with students, teachers and experts. Their opinions and comments on the use of educational platforms were analyzed, and suggestions for practice were formulated.

5. Experimental study: The study was conducted with experimental and control groups. Students of the experimental group had the opportunity to actively use educational platforms, while the control group received education in the traditional way. The results of the research were compared as a result of the knowledge and skills of the two groups.

Based on the results of the research, methodological recommendations aimed at increasing the effectiveness of using educational platforms for students of primary education were developed. These recommendations serve to make the platform's capabilities more widely used in the development of professional competence.

Literature review

The analysis of scientific literature on the use of educational platforms in the development of professional competence of primary education students shows that digital technologies and platforms play an important role in modern education. Researches emphasize the role of these tools in increasing the activity of students in the educational process, ensuring the efficiency of knowledge acquisition and developing their creative abilities.

Issues of professional competence: Scientific works such as B. Bloom's taxonomy, D. Kolb's theory of experiential learning and constructivist approach are important when considering the theoretical foundations of professional competence formation.

These resources highlight the need to support students' professional development by integrating theoretical and practical knowledge.

Learning platforms: A. Garrison and T. Anderson's research on online learning environments highlights the role of digital platforms in students' independent learning and skill development. Research on the possibilities of platforms such as Moodle, Google Classroom, Edmodo confirms that it is possible to develop students' knowledge through them in an interactive and flexible way.

National literature: the researches of Uzbek scientists, in particular, the works written by M. Kurbanov and S. Khodjayeva, broadly show digital educational technologies and their place in the educational process. In their work, especially the issues of applying innovative approaches in primary education were analyzed.

Pedagogical approaches: the approaches put forward by A. A. Poskryakov and E. F. Sabzi justify the need to ensure the harmony of innovative and traditional educational methods in the process of formation of professional competence. These approaches envisage the development of personal abilities of students in the process of using digital tools.

The literature analysis shows that educational platforms are an effective tool for strengthening students' professional knowledge and skills, increasing their interest in the educational process, and forming self-development skills. These scientific foundations can serve in the development of methodological recommendations necessary for the successful use of educational platforms in primary education.

DISCUSSION

The results of the research on the use of educational platforms in the development of professional competence of primary education students showed that the use of modern digital technologies not only increases the activity of students in the educational process, but also improves their practical skills and creativity. It also helps to build skills. It was found that the convenience of educational platforms, the flexibility and interactivity of the knowledge provided through them, are highly effective in engaging students in the learning process.

During the experimental research, it was observed that educational platforms expand the opportunities for independent education of students. In particular, in classes where Moodle and Google Classroom platforms were used, the indicators of students' independent assimilation of knowledge and application of problems in practice were higher than in the control group. This shows that the ability of educational platforms to master the learning material at an individual pace is an important factor in the development of students' professional knowledge.

At the same time, certain limitations were observed in the effective use of educational platforms. Some students had difficulties in using digital tools, and in some cases, insufficient internet speed and technical equipment became an obstacle to the effective organization of the educational process. In order to solve such problems, it was noted that it is necessary to strengthen the infrastructure for the introduction of digital technologies in the educational process and to train teachers in special training courses.

In order to increase the efficiency in the development of professional competence of students through educational platforms, the following is proposed:

1. Strengthen the individual approach to the educational process through educational platforms.
2. To expand the possibility of practical application of theoretical knowledge on platforms.
3. Organization of special trainings to improve students' digital literacy.

The results of this research serve to develop effective methods for the wider use of educational platforms and the formation of professional competence for students of primary education. The combination of educational platforms with new technologies increases students' interest in education and opens a wide path for their professional development.

CONCLUSION

The results of this study confirm that educational platforms play an important role in the development of professional competence of primary education students. It has been shown that the use of educational platforms accelerates the acquisition of theoretical knowledge by students, forms practical skills and engages them in independent study and creative activities. The integration of digital technologies into the educational process can serve as an effective tool in the development of the modern education system.

During the research, the following main conclusions were drawn:

1. Educational platforms help students to increase their activity in the learning process and develop their ability to put knowledge into practice.

2. The flexibility of digital platforms and the possibility of an individual approach are of great importance in the formation of professional competence of students.
3. Sufficient development of technical infrastructure in the use of platforms and digital literacy of students and teachers were found to be the main factors determining the success of the educational process.

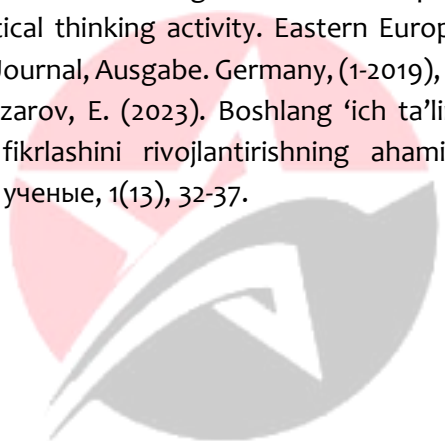
4. In order to fully realize the possibilities of educational platforms, it is necessary to develop trainings aimed at improving the digital skills of students and methodological guides for teachers.

This study serves as an important resource for determining promising directions for the introduction of educational platforms in primary education, as well as for developing practical recommendations for the implementation of innovative approaches in the modern educational process. The integration of digital technologies into the educational process not only increases the quality of education, but also takes the process of training future professional pedagogues to a new level.

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