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**THE EFFECTIVENESS OF USING INTERACTIVE METHODS IN
DEVELOPING STUDENTS' SENSE OF RESPONSIBILITY IN THE HIGHER
EDUCATION SYSTEM**

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Annotation: This article extensively examines the theoretical and practical aspects of interactive learning forms that contribute to enhancing student activity and developing interpersonal relationships in the educational process. In modern education systems, interactive approaches shape the student as the central subject of the learning process. The article analyzes the impact of group work, discussions, project-based learning, case studies, role-playing methods, and digital interactive platforms on educational effectiveness. It also substantiates the importance of the pedagogical environment, the role of the teacher, and communicative competence in developing interpersonal relationships.

Keywords: interactive education, student activity, interpersonal relationships, communicative competence, group work, discussion, project method, case study, role-playing, pedagogical technologies.

Аннотация: В данной статье подробно рассматриваются теоретические и практические аспекты форм интерактивного обучения, которые способствуют повышению активности студентов и развитию межличностных отношений в образовательном процессе. В современных системах образования интерактивные подходы формируют студента как центрального субъекта учебного процесса. В статье анализируется влияние групповой работы, дискуссий, проектного обучения, кейс-метода, ролевых игр и цифровых интерактивных платформ на эффективность образования. Также обосновывается значение педагогической среды, роли преподавателя и коммуникативной компетентности в развитии межличностных отношений.

Ключевые слова: интерактивное образование, активность студентов, межличностные отношения, коммуникативная компетентность, групповая работа, дискуссия, проектный метод, кейс-метод, ролевые игры, педагогические технологии.

INTRODUCTION

In today's conditions of globalization, one of the main requirements of the education system is to ensure students' independent thinking, creative approach, and active participation. While traditional forms of education are often based on delivering ready-made knowledge, modern approaches are aimed at forming the learner as an active subject. Interactive learning forms serve exactly this purpose by strengthening communication, cooperation, and mutual interaction in the educational process. Interpersonal relationships



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are one of the key factors determining educational effectiveness, as they directly influence students' psychological state and motivation.

MAIN PART

Interactive learning forms are a pedagogical system aimed at activating the educational process, developing students' independent thinking, and strengthening interpersonal relationships. Unlike traditional lesson models, these forms transform the learner from a passive listener into an active participant. As a result, the learning process is based on communication and cooperation.

Group work is one of the most important forms of interactive learning. In this approach, students are divided into small groups and complete assigned tasks together. Each participant expresses their ideas, shares responsibilities, and contributes to the overall outcome. This process strengthens interpersonal trust, develops communication culture, and enhances teamwork skills¹³.

The discussion method serves to develop critical and logical thinking among students. Based on a problem given by the teacher, students express their opinions with justification, analyze opposing views, and draw conclusions. This process strengthens communicative competence, as students learn to express their ideas clearly and convincingly.

Project-based learning develops students' independent research activities. In this method, students work on real or theoretical problems, analyze them, and develop practical solutions. During the project process, skills such as cooperation, responsibility, and time management are formed, which further strengthens interpersonal relationships.

The case study method is based on the analysis of real-life situations and encourages students to deeply examine problem situations. Students compare different options, choose the most appropriate solution, and justify it. This process develops analytical thinking and a culture of group discussion.

Role-playing is a creative form of interactive learning that encourages students to take on different social roles. Through this, they understand different perspectives, develop empathy, and strengthen communicative skills.

Digital interactive platforms play an important role in modern education. Through online forums, virtual classrooms, and educational applications, students can collaborate even remotely. This increases the flexibility of the learning process and creates new forms of interpersonal communication¹⁴.

The effectiveness of interactive learning largely depends on the teacher's pedagogical skills. The teacher must properly organize the lesson, encourage student activity, and create a positive psychological environment. In such an environment, students freely express their ideas, which in turn develops interpersonal relationships.

¹³ Lev Vygotsky. *Mind in Society: The Development of Higher Psychological Processes*. Harvard University Press, 1978.

¹⁴ OECD. *Innovative Learning Environments*. OECD Publishing, 2013.



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The implementation of interactive learning forms in the educational process is recognized in modern pedagogical practice as one of the most effective ways to improve education quality. These approaches not only increase student activity but also elevate interpersonal relationships to a new qualitative level. During discussion, it is important to emphasize that the main strength of interactive education lies in its communicative nature, meaning that knowledge is not only transmitted by the teacher but is jointly constructed through communication, exchange of ideas, and cooperation among students. This transforms the traditional “teacher–student” model into a multi-directional communication system of “student–student–teacher.”

From the perspective of interpersonal relationships, interactive learning significantly transforms the socio-psychological environment. Students gain the opportunity to freely express their opinions, listen to others, and analyze different viewpoints. This process fosters a culture of mutual respect, trust, and cooperation. However, in practice, certain challenges may arise. For example, not all students may participate equally, leadership may become concentrated in a single individual within a group, or communication barriers may occur. These issues reduce the effectiveness of interactive learning and require the teacher to continuously manage and balance the process¹⁵.

Regarding student activity, it can be noted that interactive forms develop activity not through compulsion but through natural motivation. When students participate in discussions, they not only acquire knowledge but also strengthen it through practical thinking. In particular, methods such as discussions and case studies develop critical thinking and teach students to make independent decisions. However, the success of this process largely depends on the teacher’s methodological preparedness and pedagogical skills.

Furthermore, the widespread use of digital interactive platforms is creating new forms of interpersonal relationships. In virtual environments, students are able to communicate, exchange ideas, and collaborate. This helps maintain activity even in distance learning conditions. At the same time, it should be noted that some psychological aspects of live communication may weaken in digital environments¹⁶.

According to the discussion results, the most important advantage of interactive learning forms is their integrative nature, meaning that they simultaneously perform the functions of knowledge transfer, skill formation, and development of interpersonal relationships. However, for this process to be effective, methodological support systems in educational institutions, continuous professional development of teachers, and flexible organization of the learning process are essential.

CONCLUSION

¹⁵ Lev Vygotsky. *Mind in Society: The Development of Higher Psychological Processes*. Harvard University Press, 1978.

¹⁶ OECD. *Innovative Learning Environments*. OECD Publishing, 2013.



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Interactive learning forms are one of the most effective pedagogical tools for increasing student activity and developing interpersonal relationships. Group work, discussions, project-based learning, case studies, role-playing methods, and digital platforms enliven the educational process and enhance students' communicative competence. Through these approaches, students not only acquire knowledge but also develop skills of cooperation, communication, and social adaptation.

REFERENCES:

1. O'zbekiston Respublikasi "Ta'lim to'g'risida"gi Qonuni. – Toshkent, 2020.
2. Tolipov O'., Usmonboeva M. *Pedagogik texnologiyalar va pedagogik mahorat.* – Toshkent: Fan, 2016.
3. Azimov A. *Pedagogika nazariyasi va amaliyoti.* – Toshkent: O'qituvchi, 2019.
4. Selevko G.K. *Sovremennye obrazovatelnye texnologii.* – Moskva, 2005.
5. Vygotsky L.S. *Mind in Society.* – Harvard University Press, 1978.
6. Johnson D.W., Johnson R.T. *Cooperation and Competition.* – Interaction Book Company, 1989.
7. Slavin R.E. *Educational Psychology.* – Pearson, 2018.
8. OECD. *Innovative Learning Environments.* OECD Publishing, 2013.
9. Niyozov G. *Zamonaviy pedagogik texnologiyalar.* – Toshkent, 2020.
10. UNESCO. *Education for Sustainable Development Goals.* – UNESCO Publishing, 2017.