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INNOVATIVE METHODS FOR ENHANCING EDUCATIONAL QUALITY THROUGH PEER COLLABORATION

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Abstract

This article analyzes the role of peer collaboration within the educational process and its significance in developing students' knowledge levels, independent thinking, communication culture, and social engagement. It further explores the potential of innovative methods in modern education such as reciprocal learning, small-group work, peer mentoring, project-based learning, and digital collaboration. The author evaluates peer collaboration as an effective pedagogical approach that contributes to improving the quality of education.

Keywords

peer collaboration, educational quality, innovative methods, reciprocal learning, independent thinking, collaborative learning, digital education, student engagement.



Today on the day education in the system done increasing updates from the students not only ready knowledge to master, but independent research, analysis to

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do, oneself his/her opinion justification and in the team work skills also demand is doing. Because modern of education main purpose only information to give not, maybe knowledge vital in situations by hand creative, capable and critical thinking person from forming consists of. This point from the point of view of peers cooperation through education quality increase issue separately importance profession will reach. I am at school. student as education in the process one important to the situation attention I have looked at: sometimes teacher by explained the topic student own peer when explaining faster understands. This reason is that peers each other's knowledge level, understanding difficulties and thinking style They feel good. They complicated concepts simple examples, daily from life taken situations and to themselves familiar phrases through to explain movement They do. So, the students between cooperation simple communication tool not, maybe knowledge deeper to master help giver pedagogical is an opportunity.

Scientific in literature this approach English The concept of "Peer Learning" in with is expressed. Its essence of the students from each other to learn, to knowledge and experiences mutual exchange and general educational to the goal in cooperation from reaching consists of. This approach social constructivist education theory with In particular, psychologist Lev Vygotsky close development zone about in their views student 's knowledge and skills adults or more knowledgeable peers with the support of further development possibility This theory is based on peers with cooperation to do scientific and pedagogical the basics in understanding important importance has. Peers cooperation organization in the process of one how much innovative from methods use possible. Of these one - « Student to the student " teacher " method. This in the method certain the topic good adopted student him/her own to classmates explains. In this teacher the process control does, necessary in cases direction gives and wrong of information to the formation road does not put. This method advantage is that the topic explaining The student also knowledge again repetition and reinforcement to the possibility has will be. Listener and the topic to oneself close was communication in the form of absorbs.

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Another one effective method - small in groups problematic situations solution is to do. In this students one how many to the group separated, to them certain question, task or vital problem presented Every one participant own his/her opinion indicates, evidence brings and general to the conclusion to come movement This process in students critical thinking, problem various point from the point of view approach, own his/her opinion protection to do and others' his/her opinion respect to do skills Especially natural science, mathematics, history and mother language in their classes such from the approach effective use possible. « In pairs "learning " method is also peer-to- peer of cooperation important from the forms is one. In this two student together assignment each other their answers checks and mistakes on works. This in process student only own knowledge demonstration not enough, maybe partner’s his/her opinion listening, analysis to do and necessary to the conclusion I think it ‘s a good idea. of the method the most important aspect is that he is a student education process passive from the participant active to the participant turns.

Today digital development under the circumstances peers cooperation modern technologies with Harmony is also great. opportunities For example, electronic presentations, online tests, virtual whiteboards, education platforms and general electronic documents through students remotely cooperation to do They can. together presentation preparation, information search, tasks to perform and the results analysis to do to the possibility has They will be. Such activity digital literacy develop with together, information choose, its reliability check and from it targeted use It also shapes the culture of the peer group. of cooperation again one important direction - project based on education Students certain topic on the surface small scientific or creative projects preparation in the process tasks mutual they distribute information they collect, observation and analyses take For example, ecological problems, reading culture, healthy marriage style or information safety on topics collective projects organization to grow possible. Such projects to the students theoretical knowledge

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practical activity with tie opportunity gives. The most importantly, every one student general to the result own contribution to add strives.

With this together, peers cooperation effective organization to grow for certain pedagogical to the conditions compliance to do necessary. First of all, in groups tasks clear to be determined, each one student ‘s participation provision and mutual respect environment formation Students must between knowledge level according to differences to be natural. However this situation some of the students aside to stay reason not to be On the contrary, cooperation is necessary. in the process every one participant opportunity into account learned, educated of the students to others help to give and in mastering struggling students are also active participation for conditions creation important. In this teacher ‘s organization and orientation task separately importance has. Peers cooperation education to the quality one how many in the direction positive impact to show First, the topics each other explanation and discussion to do through of knowledge to strengthen help Secondly, the students speech and communicative competencies Thirdly, they develop responsibility, initiative, mutuality help and collective decision acceptance to do skills Fourth, students ' to class was interest and education in the process activity to increase service does. That’s why this approach only knowledge to give tool as not, maybe personal and social development factor also evaluate as necessary.

I am this the topic study during one to the conclusion I came: education quality increase only new textbooks, modern equipment or digital technologies with Education in efficiency of the students mutual attitude, knowledge exchange and each other to develop was Aspiration is also important. place holds. Every one student known one the topic to others explanation, own his/her opinion to inform and collective at work participation through own opportunities manifestation to be able It is possible. for in schools peers to cooperation based exercises regular organization to, students initiatives support and innovative from methods targeted use necessary.

Reference

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1. Hasanboyev J., Turaqulov X.A., Askarev I.Sh., Usmanov NO'. Pedagogy. – Tashkent: Publisher, 2018.

2. Khodjaev BX General pedagogy theory and practice. – Tashkent: Sano-standard, 2017.

3. Sharifzoda SO'., Khudoynazarov EM Pedagogy theory and History. Part II. – Tashkent: Bookmany Print, 2022.

4. Mirzayeva FO Pedagogy theory and history. – Tashkent: Innovation development publishing house house, 2023.

5. Uzbekistan Decree of the Republic of Uzbekistan No. O'RQ-637 dated September 23, 2020 “Education about Law.

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