

**PROJECT-BASED COOPERATIVE APPROACH IN TEACHING INTEGRATIVE
METHODS IN THE EDUCATIONAL PROCESS**

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Annotation: This article discusses the ongoing changes in the modern educational process and the application of an integrative approach across various levels of education from preschool to higher education. The article also discusses the implementation of integrative approaches in universities and their role in modernizing the educational process in the future. Project-based cooperative learning helps students develop interdisciplinary connections and teaches them to work in teams through scientific experiments.

Keywords: Integration, pedagogical integration, principles of integrative approach, project-based learning, cooperative teaching, interdisciplinary connections.

Introduction. Today on the day modern education in the process happening changes permanent accordingly requires updating, because world on a scale new methods and technologies are developing. Especially integrative approach to education added contribution important importance has is, this methods to students knowledge various in the fields to apply and master help gives. Integrative of education the most important in terms of one various sciences between connection to provide, students every one-sided development. Students physically and mentally perfect generation as cultivation in the future leader frame become to reach and, integration purpose of knowledge various areas to unite and to students them in practice application opportunity is to create [1].

Uzbekistan Republic of " Education " " Law on " to the rules appropriate national of experience analysis and education in the system changes world on a scale achievements based on prepared, and high general and professional to culture creative and social in activity socio-political personnel preparation with together national of the program purpose education field fundamentally reform to do is considered. Maskur. The article " integration " pedagogy of the system efficiency integrative approach the essence open gives. XVII century at the beginning great didactic J. A. Comenius during integrative approach idea appearance was.

Uzbekistan Republic In the Presidential Decree No. PQ-3151 of June 27, 2017 Our Republic in the regions social economic develop for time requirements suitable coming high qualified personnel preparation courses trained without training programs update and that's it basically one how many new projects working exit need. With that together, project based on teaching is also modern education from methods is one. The project based on cooperative teaching, students collective accordingly to work together, to work together idea exchange and interdisciplinary connections to study teaches [2]. This in the article, education in the process integrative approach current of reaching methodical and practical aspects analysis is done, and this art studies and cultural studies also visible in the fields will be. Uzbekistan Republic The President's address to the nation on February 7, 2017, " Uzbekistan Republic further develop according to actions

strategy Decree No. PF-4947 of the Supreme Court of the Republic of Uzbekistan dated April 20, 2017 No. PQ-2909 education system further develop measure events Resolution No. PQ-3151 of June 27, 2017 on " On educated experts preparation "about" decisions.

Uzbekistan Republic High education system development until 2023 concept and to activity relevant tasks done is being increased. Personnel preparation National program Uzbekistan Republic of " Education" about of the law to the rules appropriate national of experience analysis and education in the system world scale achievements based on prepared and high general and professional to culture creative and social in activity social political personnel preparation national of the program purpose education field fundamentally reform to do and it from the past remaining ideological from looks and shadows full free to grow developed democratic countries within high spiritual and moral to the requirements answer giver high qualified personnel preparation national system from creating consists of. Personnel preparation national program this about of tasks of the following consists of;

-About education Uzbekistan Republic to the law appropriate education system reform to do state and non-state education institutions and personnel preparation in the field competition environment formation basically education system single learning scientific affairs release set as consistent development;

-Education and personnel preparation system in society done increasing democratic legal state construction to the processes adaptation,

-Personnel preparation system and content of the country social economic progress from the perspectives society science culture from needs technique development technological modern from achievements come came out without again build,

-Education recipients spiritual moral educational and enlightening work working output and current to do,

-Education and personnel preparation education institutions from certification transfer and accreditation to do to assess the quality impartial system current to do

-New social economic under the circumstances education requirements level and quality personnel preparation of the system in practice activity display and stable development guarantees priority provider normative material technology and information base create .

-Education fanning working release effective integration supply being prepared personnel quantity and quality reliable to be,

-Continuous education and personnel preparation to the system from the budget outside funds this including edge hand investments attraction the real mechanism of working to issue and put into practice current to do,

-Personnel preparation in the field mutual beneficial international cooperation Development. Personnel preparation national model main structural parts of the following

Person state and society continuous education and working. Integrative learning is a method that helps students learn multiple subjects at the same time. This approach helps students understand and apply the connections between subjects. For example, by teaching mathematics and physics together, students learn how to use scientific knowledge in different areas[3]. Integrative methods and their role in the educational process are aimed at ensuring the active

participation of students in this learning process. The student is not just a receiver of information, but is fully involved in the learning process, such methods create opportunities for students to express their opinions, ask questions and discuss with each other. The main goal of the integrative approach is to provide students with not only theoretical knowledge, but also practical skills. This, in turn, encourages students to solve common problems, understand the interrelationships between disciplines and find new solutions. An integrative approach also develops creative and critical thinking skills in students[4].

Discussions are where students are given questions to discuss, and they express their opinions.

Simulations allow students to imagine themselves in different situations and consider what decisions they should make in a given situation. **Brainstorming** is a method that develops students' creative thinking. Information on the connection of phenomena in education can be found in the works of JA Comenius.

The educational process is not only about imparting knowledge, but also about shaping the personality of students, preparing them for social life and broadening their worldview. Today's education system includes many approaches. An integrative approach is based on the development of all aspects of the educational process and allows students to combine knowledge and skills, taking into account the individual needs of students. The basis for an integrative approach to teaching the educational process is integration, that is, the connection of subjects and disciplines.

BM Kedrov made a significant contribution to the development of the issue of the integration of sciences, and he examines the formation of the problem of the interaction of sciences since the Enlightenment.

Initially sciences one by one separated and their mutual According to BM Kedrov, the relationship their simple location acted as. There are several principles of the integrative approach, some of which we will highlight;

Project-Based Cooperative Learning - The uniqueness of project-based cooperative learning lies in dividing students into groups and allowing them to work together to achieve a goal. In this method, students learn to work together, exchange ideas, and act as a team to solve a problem. [5] The project-based cooperative learning approach also allows students to develop independent thinking and express their ideas within a group.

1. Multidisciplinary approach - Integrative education, it is possible to combine several disciplines and apply the knowledge learned from them to life.

For example, by connecting mathematics with natural sciences, technology, and art, students learn to solve complex problems.

2. Developing practical skills - the main task is to teach students the skills to solve real-life problems through practical training combined with theoretical knowledge. Through this, students not only acquire theoretical knowledge, but also learn to apply it in practice.

Benefits of an integrative approach;

1. Develop teamwork among students - Integrative approach students work more collaboratively with each other. Working on discussion projects on various topics develops teamwork skills among students.

2. Educational and moral education - The educational process not only provides scientific

knowledge, but also introduces students to humanistic, ethical, and social responsibility values.

3. Develop and encourage creativity - Combining multiple fields or disciplines encourages students to develop new ideas. This increases their ability to think creatively.

4. Adaptability - An integrative learning approach builds skills in students to adapt to the same situation and work effectively in a changing environment.

Cooperative teaching students not only to knowledge has to be, maybe mutual cooperation to do, idea sharing and innovation It also teaches students to think. This method helps students to creative and critical thinking to develop service [6]. Students spiritual culture development educational opportunities religious and universal of values mutual relevance to empirical justification directed anthropological approach axiomatic competence priority to give based on improved students cyanogen that is healthy thinking develop process social humanitarian philosophy culture the basics religious studies and pedagogy of sciences internal integration providing giver interdisciplinary module education technology is an update.

Integrative Approach Advantages - Integrative approach one row advantages First of all, this method to students interdisciplinary connection to understand help gives and gives them scientific apply knowledge in real life problems in solution application opportunity [7]. Also, integrative education students social skills develop, in the team work, idea It teaches sharing and achieving a common goal[8].

Conclusion. High education in the system personnel preparation forecast first turn to the fundamental rules based to be necessary and all in the fields and of directions essence and main principles objective scientific laws and categories with difference does. Integrative approach education in the process application to students interdisciplinary dependency to learn, creative thinking development and practical skills to occupy help The project based on cooperative approach and students team inside to work, to own thoughts expression to achieve and new solutions to find help Therefore, integrative approaches of education all in stages application necessary [13].

Also, education in the process integration application theory development and scientific pedagogical concepts record Among other things, forecast to do in the process education content improvement training plans and programs again seeing exit training in the process various innovative models current to grow and students good quality to education directed motivation also need to be activated.

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