





Improvement of Pedagogical Mechanisms of Integration of Education

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Abstract: The importance of integrated education helps primary school students to acquire knowledge, develop skills, analysis, discussion and reasoning abilities. In this method, the teacher explains theoretical and practical knowledge to students with related topics and provides approaches for improving integrated competencies. To achieve these results, the teacher himself must have this knowledge and the role of higher education in this process is very important. In the article, proposals for improving the pedagogical mechanisms of integration of various types of education have been developed, and on the basis of this, a mechanism has been developed to form a competent cognitively capable elementary teacher with integrative knowledge. This pedagogical mechanism includes various stages and processes and is organized by evaluating the teacher's quality indicators.

1 INTRODUCTION

Updates on the education conducted in our country, improved educational programs, development of prospective plans, and harmonization of communication in society, the field of education, environment and social relations are considered important tasks. Integration between types of education - represents the interdependence of several types of educational processes and improves the cooperation of educational systems. Integration in education consists of:


1. Integration directions; 2. Integration between systems;


3. Integration among students; Integration includes the implementation of new curricula, innovative methods, rapid learning technologies and other such new approaches. For example, the first direction begins with the integration of education systems, the integration of science programs and the integration of science resources. The second direction, the curriculum of students, educational goals and educational results are also determined on the basis of integration. The third direction includes


preparation for practice in various fields and integration of practical knowledge. As a result, it helps to prepare students for various professional skills and become qualified personnel and their personal and collective development. Due to the development of integration, interaction between students and teachers improves and the effectiveness of education increases. Basically, interdisciplinary integration of education and its development is aimed at combining different types of education, increasing the broad and integrated skills of students and making them successful in real life, between different educational systems, methods and resources. aimed at strengthening the relationship. This process improves the quality of education and helps prepare students to participate in a global, innovative and developed society.


2 RESEARCH METHODS

Methods of comparison and analysis are used in this article. Moreover, integrated education and its stages of development go through various processes, and

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their specific opportunities and stages of improvement may include several periods. In addition, the characteristics of the educational system and the stages of development of each country may be unique. Below is an overview of the development of cross-curricular integration:

- structure of manuals and standards: related to the structure of manuals and standards for the integration of curricula, educational resources and teaching methods. At this stage, general standards, manuals, plans and indicators are created for different types of education.

- integration of teaching methods and technologies: is the integration of teaching methods and technologies. At this stage, the relationship between tradition and innovation, the role of technological tools in educational processes and making them more effective becomes important.

- includes the preparation of an integrated environment for students and teachers. At this stage, the important aspects of improving students' professional skills, mastering their personal development and preparing them to work effectively in integrative education systems are adjusted.

- includes processes aimed at increasing the level of participation and motivation of students in activities. In this, the features of encouraging active participation of students in their activities, controlling their persistent approach to the educational process, and ensuring effective learning of educational activities are studied. It is also observed the importance of participating students with their opinions, developing their creative and analytical skills, increasing their spiritual and educational interests, and directing them to their personal goals.

- an integrated process aimed at developing students' experiential learning opportunities and practical training. At this stage, opportunities are created for students to participate in a variety of new educational activities, to learn about the connection with real life, to develop practical skills and to get acquainted with professional work.

- an integrated process that develops mutual cooperation between management and organizations. In this process, it is related to increasing the efficiency of management, distribution of resources, exchange of information and exchange of experiences among different types of education. In addition, it is important to integrate the structure, management and management systems of educational organizations, to ensure the assimilation of personnel during training, and to combine teaching and learning processes.

2.1 Problems Education

Problems related to the development of integrated pedagogical mechanisms and integration in education, analyzed by the following scientists, are recognized:

Rakhima Mavlvanova, Nargiz Rakhmankulova in the book "Primary Education Pedagogy, Innovation and Integration" states the following:

- Problems of insufficiency of resources and materials: problems of insufficiency of materials, manuals, and resources of different disciplines and fields may arise, and problems of teachers' preparation: problems of teachers' learning new pedagogical technologies, being ready for them and adaptation in their use may arise.

Kuysynov Odil Almurotovich in his article "Stages of inter-sectoral integration in ensuring the quality of personnel training and development" states the following:

- Problems of unifying goals and ensuring the connection between them: in this process, the problems of combining the goals and contents of different subjects and fields and ensuring the connection between educational plans may arise. Using these book, textbook, it is possible to find a solution to the problems focused on the development of pedagogical mechanisms of integration with a scientific approach.

3 MAIN PART

The processes of improving the integration of different types of education are aimed at increasing the effectiveness of education for students and teachers. Through these stages, attention is focused on ensuring the expansion of educational systems, the achievement of high professional results of students and the strengthening of mutual relations. In particular, integration in general secondary and higher education means the organization of educational programs in an integrative way. This method ensures that students participate in a comprehensive learning process by combining the ideas, interests and educational programs of students from different disciplines and areas related to their professional goals. The stages of integration in general secondary and higher education may include

- a) Science and cross-disciplinary connection;
- b) Application of ideas;
- c) Practice and professional training;

Integration in general secondary and higher education encourages broad skill and professional

training of students, supports ideological thinking, increases practice and vocational training processes, spiritual-spiritual. By improving the exchange of scientific knowledge, developing the ability to analyze and think, and developing the culture of business and communication in a team, comprehensive training processes of students in various disciplines and directions are provided. The directions for improving the pedagogical mechanisms of inter-educational integration and the formation of integrated competencies can be indicated as follows:

1. Formation of basic concepts;
2. Development of educational communication;
3. To provide an opportunity to describe knowledge, skills, and competencies as a whole in society and encouraging personal development.

These mechanisms help to stimulate the educational directions acquired by students, develop their acquired professional skills and professional training, and ensure that students achieve their goals. Based on the above, an integrated pedagogical mechanism for training a primary school teacher with integrative knowledge, competent, and cognitive skills have been proposed (Fig. 1).

Stages of improvement of pedagogical mechanisms of inter-educational integration:

- it is important to develop educational plans focused on the main goals;
- exchange of interdisciplinary information, organization and analysis of practical processes and projects - will be very useful in increasing the processes of sharing information from different disciplines with others;
- organization of the educational process based on educational simulations and manuals;
- organization and integration of practices;
- at the stage of analyzing and evaluating students' activities, it provides an opportunity to identify their achievements, problems and difficulties;
- the stage of improvement and renewal of educational science programs;
- at the stage of training of competent specialists, teachers should be integrated competent in their subject, in their field, in their field, have high-level knowledge and skills in planned subjects;
- at the stage of encouraging students to set the right goals, students should know and understand why they are studying the topics, what goals they will achieve and how they will use them.

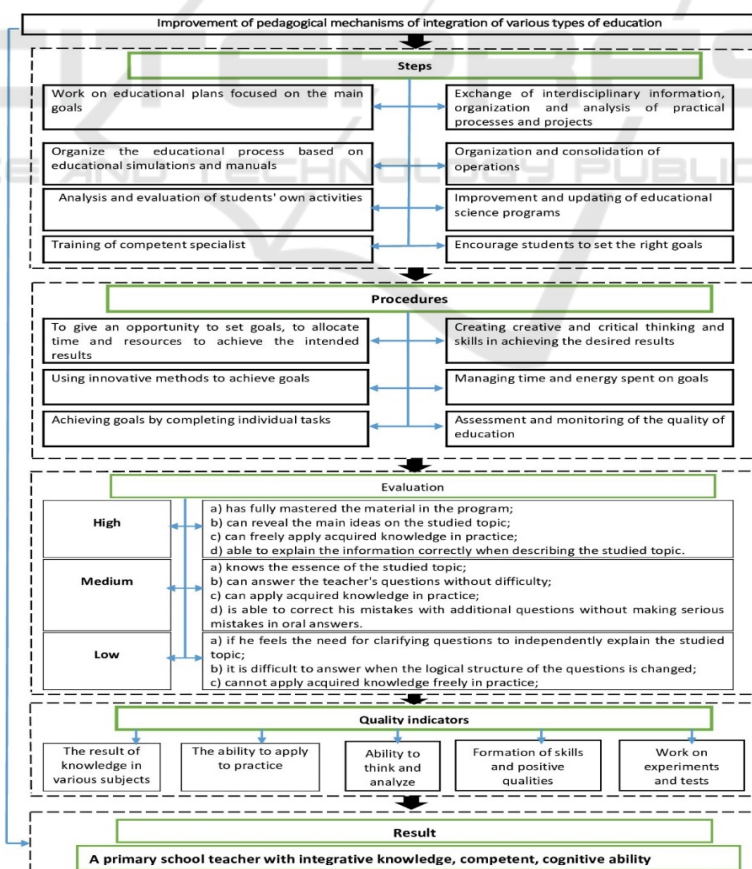


Figure 1: Improvement of pedagogical mechanisms of integration of various types of education.

After that, students will perform the following processes:

- giving the opportunity to set goals, allocating time and resources to achieve the intended results;
- using innovative methods to achieve goals;
- achieving the goals by completing individual tasks;
- creative and critical thinking and skills formation in achieving the intended results;
- management of time and energy expenditure in the direction of the goals; - the process of learning how to spend the time and energy of the students correctly in the direction of the planned goals;
- assessment and monitoring of the quality of education;

The evaluation stage is carried out through the following levels and criteria:

- high level - if he has fully mastered the material in the program, can reveal the main ideas on the studied topic, can freely apply the acquired knowledge in practice, when describing the studied topic, the information can explain correctly;

- average level - if he knows the essence of the studied subject, can answer the teacher's questions without difficulty, can apply the acquired knowledge in practice, does not make serious mistakes in oral answers, corrects his mistakes with additional questions can correct;

- low level - if he feels the need for clarifying questions when explaining the studied topic independently, when the logical structure of the questions is changed, he finds it difficult to answer, he cannot freely apply the acquired knowledge in practice.

Based on the above, the following quality indicators are achieved:

- the result of knowledge in various subjects, the ability to apply to practice;
- ability to think and analyze, formation of skills and positive qualities, able to work on experiments and tests.

As a result, a primary school teacher with integrative knowledge, competent, and cognitive skills is formed.

4 CONCLUSIONS

In order to successfully organize educational processes, it is necessary to develop continuous education, mutual integration of types of education, to ensure the interrelationship of science and educational programs in them, to develop students' knowledge, skills and improvement of integrated

competence in skills is an important step for the future of our country in today's modern world. The following methods and recommendations are offered to find a solution to the above problems:

- Development of cooperation between teachers and students;
- Integration of materials and resources;
- Use of integration models and experiences;
- Updating of educational programs.

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