

## The Essence of Integrating Innovative Technologies in Preschool Education

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**Annotation:** The article discusses the priorities for integrating innovative technologies into children's activities in preschools.

**Keywords:** Innovation, integration, activity, technology, education, method, thought.

By introducing innovative technologies into the preschool education process, it is possible to identify and develop the individual abilities of each child. Innovations play an important role in achieving specific achievements in the field of education. As a result, it leads to an increase in the share of educated people in society. Evaluating the reforms in the field of education, President Sh.M. Mirziyoyev said "Critical analysis of the Discipline and personal responsibility should be the daily rule of every leader", he said. "... the introduction of new modern methods of education, including information and communication technologies ... It was emphasized that the implementation of urgent tasks in this area is of strategic importance for the future of our youth, society and our country ..." he said. In addition, the first President Islam Karimov said, "The new model of education will lead to the formation of a free individual working independently in society. We will be able to bring up people who understand their dignity, have a strong will, full faith, and have a clear purpose in life". Indeed, in the rapidly evolving XXI century, it has only its own independent thinking and worldview. Only those who are able to find their rightful place in society. The role of pre-school education in this regard, which is the first stage of an individual's integration into the social system, is of unique importance.

Preschool education plays an important role in preparing a child for a new stage of life. The first stage of a child's entry into social life is, of course, not an easy one. Because the child goes beyond the narrow, circle of parents only and joins the team life. This process has different effects on children with different individual characteristics. The task of the educator is to adapt the child to a team lifestyle based on his physical and mental characteristics and to develop the skills of living freely in a team. The social environment promotes the development of positive qualities in the child.

The purpose of improving the field of preschool education in the education system is to conduct each preparation of the child for the school education process based on a competent approach. Preschool plays an important role in the formation of children as intellectual individuals. The level of readiness of a child for school refers to the indicators of his pedagogical, psychological and physical development. The intellect of the child should be at a level where he has formed a certain scope of knowledge, developed speech and thoughtful response, mastering the requirements of the school curriculum without excessive difficulty. Moral qualities must include such qualities as self-control, self-restraint, and obedience to the rules of behavior. Psychological indicators require the development of voluntary cognition, stable attention, figurative, word-logical, mechanical forms of memory, analysis-synthesis, comparative and generalizing thinking, restorative imagination and fluent speech. In the case of physical development, the growth rate of the organs of the body should be proportional to the age. All of these indicators are evident in the children of the pre-school group. The introduction of non-traditional methods in education is improving in order to increase

ISSN 2792-1883 (online), Published in Vol: 2 No: 2 for the month of February-2022

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the effectiveness of education and increase children's literacy.

Innovative technologies have a special place in the system of educational activities, which is gaining popularity in the field of preschool education today. Because the creation of innovative technology projects in the spiritual, moral, mental and physical education of preschool children increases the effectiveness of education. The introduction of innovative technologies in education achieved through their integration.

The term integration comes from the Latin word integration – to restore, to supplement, and to integrate. In pedagogy, between the 19th and 20th centuries, an integrated course introduced to introduce young children to the natural environment. This idea is connected with the names of A.Y. Gerd, D.N. Kaygorodov, A.P. Pavlov. They demanded that the child take an undivided course about the living and non-living worlds around him. To date, much has been achieved in the integration of education. The essence of the integration of preschool education is to teach the child the basic knowledge that will help him to create a holistic world in which all the elements are interconnected. This method helps to protect the child from excessive stress, increase the efficiency of the learning process, saving his time and energy<sup>1</sup>.

Innovative technologies integrated in the following forms of preschool education:

- Working in groups;
- Activities in the centers;
- Educational games.

Through an educator's creative approach to these activities, children have the opportunity to impart coherent knowledge. At this point, the question arises as to what is the importance of integrating innovation in preschool education. If we consider integration as a mutual harmonization of knowledge, a set of knowledge that complements and explains each other, it will be easier to understand its essence. Integration is a means of accepting new ideas within the boundaries of subject knowledge. In traditional education, the subject is taught mainly in the context of science. However, given the individuality of the child, it is necessary to overestimate their interest. Of course, the younger generation, as a product of society, must acquire knowledge of mathematics, mother tongue, nature, art, music and physical education. The scope of knowledge in a child is based on his interests. Therefore, one or more of the above areas left out of the child's interests. Nevertheless, if the child has a talent for an area he does not want, it revealed in time. For example, a child does not want to learn another language, but when he is involved in this activity, he may have positive results. However, this phenomenon only occurs when knowledge transformed into a child's personal need. Knowledge in children clearly seen at 6-7 years of age.

The integration of innovative technologies in preschool education is mainly used in pre-school groups. At the age of 6-7, the child is ready to receive and process a lot of information, which is complicated at the beginning of learning. Typically, integrated project activities take longer than other activities. Because it takes more, time to inculcate in a child's mind and thinking complex knowledge consisting of information in different directions that integrated in one system. An educator who integrates innovative technologies must fully understand the purpose and essence of such activities. Achieve only then effective result. In particular, it is necessary to link one point

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<sup>1</sup> XXI asr-Intellectual avlod asri/Yosh olimlar va talabalar hududiy anjumani/ Andijon/ 2015y, Z.Azimova,F.Boltayeva, Maktabgacha ta'lim muassasalarida integratsiyalashgan mashg'ulotlardan foydalanish, 116 bet

with another based on concrete evidence. Because it is impossible to stop a child who is engaged in one activity and transfer it to another activity. At this time, firstly, his attention is distracted, his thoughts are distracted, and secondly, there is an indifferent attitude to his work. The child wants to see the result of the task he has performed, strives to achieve a certain success in the circle of others. At the heart of this is the incentive given to the child. This is the essence of the predominance of play activities in preschool children. High self-esteem more pronounced in a child's personality. The educator should pay attention to the shortcomings of the child's behavior, be diligent in creating a friendly environment in the community.

All pedagogical methods effectively used in the integrated educational process. The important thing is to be able to use more than one of them in one session during this process. The following is a brief description of the methods of integration of the educational process:

1. **Child-centered education.** Promotes the development of interaction and communication with the educator in children. Based on the conversation, it is possible to determine the individual characteristics of the child.
2. **Developmental education technology.** This method is effective in strengthening the desire to realize their potential in encouraging children to be active. Encouraging creative activity encourages the child to take the initiative, to act.
3. **Game learning technology.** In the process of applying this method, existing deficiencies in the child's personality corrected. There is a process of self-awareness.
4. **Project-based learning technology.** It is difficult for educators to focus children's attention on one point, mainly in the process of working in the centers. The feature of imitation in children creates the object of imitation in them. If the educator has a pre-prepared project - an object, he can convince the child of all his instructions.
5. **Problem-based learning technology.** There is an opportunity to make effective use of problem-based learning technologies in integrated activities. Because their independent activity is at the forefront here. By using this method in children, their thinking skills strengthened, speech is developed, and creative approach skills formed.
6. **Interactive methods.** Using such approaches, the educator fosters activism in children. Completing any assignments through interactive ways will increase the child's curiosity. As a result, the child develops a new system of knowledge.
7. **Use of information and communication means.** This method used several times during the integrated activity. Because the purpose of the integrated activity is to check the mastery of each child. Therefore, it is very important to use technical means so that each child can complete the given task.

It is an important task for adults to engage children in useful activities, which are the best time for them to grow and learn, as they grow up to be a harmoniously developed generation. In this regard, the effectiveness of new technologies will serve as a necessary aid to educators and parents.