



INTEGRATING TECHNOLOGY INTO CLASSROOM PRACTICE

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Abstract: *In the national personnel training program adopted in our republic, the issue of wide application of interdisciplinary teaching to the educational process is now an urgent problem in general education schools. Several remarkable works are being carried out aimed at the application of new pedagogical technologies in integrated teaching in labor education classes, and the problems of educational and methodological support. Improving the system of public education and applying information, communication, modern pedagogical and computer technologies to their educational process is a sign of the development and attention of the education system in our republic.*

Key words: *Integration, Universe, society, life, life, objects, activities.*

The term "integration" is new in terms of name, but it has mutual history in terms of content and essence. In the universe, in society, in life, in life and production, in education, that is, from the micro world to the macro world, integration is important. Integration is a very broad concept. Until today, humanity realizes that it is possible to solve the important environmental problems of our planet and save life only as a result of a good understanding of the essence of the integration process and the practical application of its developmental functions. Most of the country's scientists are analyzing the importance of pedagogy and the process of integration in education in solving these problems.

The theoretical and practical importance of integration in education has been known for a long time. In fact, the word "integration" is derived from the Latin word "tegragrac" in the dictionary, which means reconstruction, restoration, filling ("integra" - complete, whole, whole). In particular, Koshchanov M.K., Akobirov S.T., Adkhamova N.A and others. In "Russian Uzbek Dictionary" (1983) it is stated that "integration" means development in a connected state, "integriruvat - to unite into a whole, to make a whole". It can be understood as combining, making whole. Also, many scientists and methodologists have given their opinion on determining the essence of the problem of integration. Currently, the exact definition of the concept of "integration" has been dealt with in the methodical literature on this problem. given by scientists in definitions close to each other. In particular, N.S. Svetlovskaya defined integration as "the creation of a new whole (educational 7 subjects, types of activities) from several parts of a certain homogenous element in different units, and then , he understands the integration of parts of this element into a unique whole quality that did not exist before. defines the method of composition on the basis of natural



subordination to a single goal. L.N.Bakareva interprets the concept of "integration" in a similar way.

It reveals integration as the connection and convergence of disciplines. "Integration-interdisciplinary communication is defined as a tool that raises teaching to a new level of quality, that is, it allows to create a whole "monolith of knowledge". According to Yu.M. Kolyagin, the concept of "integration" can be understood in two different ways. According to the first, "integration" means the creation of a holistic image of the environment (here, integration is considered as the goal of education). According to the second, integration is considered as a teaching tool, as a means of finding a common platform that brings together knowledge in subjects). Definitions of integration "Integration" is a method of compiling several educational subject materials based on their natural subordination to the task and single goal of the methodology N.S. Svetlovskaya. "Integration" is an interdisciplinary communication, a tool that raises the quality of the installation to a new level, allows to create a single "monolith" of knowledge L.N.Bakareva. "Integration" is the highest level of connection between subjects, a way of comprehensive study of the problem based on general methodological principles. LT. Tarasov. "Integration" is a tool that finds a common platform that brings together the environment, holistic imagination, and knowledge of subjects. Yu. M. Kolyagin. If we look at the history of mankind, including the history of science, sciences emerged due to the practical needs of people and then "branched out". developed, with the passage of time there was a differentiation-branching of sciences. The development of human consciousness, intellectual thinking looked at knowledge through the eyes of generalization. Integrating encyclopedic ancestors Zoroastrian, Aristotle, Musa al-Khorazmi, al-Farabi, Ahmad al - Dozens of periods of spiritual growth arose in the ideas of geniuses such as Farghani, Abu Raykhan Beruni, Ulug'bek.

The concept of "integration" was directly used by G. Spencer in his manuscripts in the 18th century. The meaning of the concept of integration is wide-ranging, and it is viewed objectively, from the interbody embodiment in the universe to the integration of interdisciplinary knowledge.

Humanity has stepped into the 21st century - the age of advanced technology and information technology. These technologies can be managed effectively only by a mature generation with intellectual and comprehensive knowledge. It is also the responsibility of this generation to protect, ecologically balance and preserve the unique planet Earth, which is like a dot in the Universe and has given life, our mother earth like the apple of an eye, to use its material and natural resources rationally and sparingly, to make man spiritually the honorable task of realizing and realizing the responsibility of contributing to the solution of problems of global importance, such as promotion. Educating intellectual young people who are capable of performing these tasks is one of the urgent issues of today. Modern world pedagogy in the education of young people requires them to put an end to their acquisition of narrow professional



knowledge by profession, and in the continuous education system, it is necessary for them to acquire broad integrative knowledge of general education subjects. First President I.A. Karimov's "The development of society, the acceleration of the growth of science and technology, the spread of information technology day by day, humanity is entering a new society of nations, a deeply integrated economic space, a unified communication and information system in order to turn the 21st century into a century of peace. living in society requires a lot of training and knowledge", - in his words, it is recognized that in the future it is necessary to educate comprehensively educated and intellectual young people. Relevance of the topic.

In the national program of personnel training adopted in our republic, the issue of wide application of interdisciplinary teaching to the educational process is now an urgent problem in general education schools. Several remarkable works are being carried out aimed at the application of new pedagogical technologies in integrated teaching in labor education classes, and the problems of educational and methodological support. Improving the system of public education 4 and applying information, communication, modern pedagogical and computer technologies to their educational process is a sign of the development and attention of the education system in our republic. Level of study of the problem. One of the main tasks of the national personnel training program is to develop educational programs for public educational institutions, a new modern generation of educational and methodological complexes, and to improve the educational system by effectively using educational literature. The teaching manuals and textbooks written for general education schools should be scientifically, theoretically and methodologically perfect, convenient and simple at the level of students' ability to master them, and the content of the topics in them should reflect the age characteristics of the student and the student. taking into account, it should also be covered in accordance with educational programs based on DTS.

The result of the synthesis of the content of educational subjects, at least at the DTS level, is considered to be logically complete. An integrative approach requires the study of the studied object in the form of a holistic system, from the point of view of comprehensive relationships.

Modernization of education requires the use of non-traditional organizational forms and methods, including an integrative approach to it. Integration should be understood not only as the interconnection of knowledge learned from different subjects, but also as the integration of teaching technologies, methods, and forms. Their correct implementation ensures the effectiveness of education. The term "technology" is adopted from a foreign methodology and is used to express the educational process organized in various forms. In the process of solving didactic problems, educational technologies are effectively used in order to improve the methods affecting students. There are many types of pedagogical technology, and they are interpreted differently. In didactics, technologies are divided into three main groups. It is necessary to use the technologies in accordance with the purpose of the



lesson, based on the possibility, as an integrative technology. This can be illustrated by the following table "Integrative technologies in didactics".

Differentiated educational technology.

In this technology, students are divided into groups according to their typological characteristics. When dividing into groups, students' personal attitudes towards studying, interest in studying the subject, etc. are taken into account. Different levels of programs and didactic materials are created, differing in content, size, and complexity. Separate materials are prepared for the methods of their implementation, as well as for the evaluation of educational results.

Technology of educational game activity.

This technology is very close to the technology of differentiated teaching and is inextricably linked with it. The educational game gives its positive result only when the teacher and students are active. In this case, the game scenario should be developed in advance and the methods of evaluating the results should be planned. A well-made game scenario is important. In it, educational tasks should be clearly defined, possibilities of methodical ways to get out of a difficult situation should be defined. There are many types of the game, and their effective use allows you to achieve the goal.

Communication technology

This method also depends on the perfect organization of the educational process by the teacher. He requires the teacher to organize the educational process with a creative approach. It is necessary for the teacher to master the methods of heuristic conversation and to be able to create conditions for the organization of students' interaction. 18 Modular technology of education. A module is a separate functional node. In this, the teacher improves the content of the educational material and the technology of their assimilation by the students. The teacher develops special instructions for students' independent work. It clearly states the purpose of mastering this educational material, gives clear instructions for using information sources, and explains the methods of acquiring this information. These instructions provide examples of knowledge tests. Activity design technology. The content of this technology is the organization of research activities.

Activity design technologies can be creative, informative, fantastic, research and other types. Thus, as a result of using these technologies in the integrated educational process, the teacher ensures that this process is more complete, interesting and meaningful. Integration at the intersection of subject areas of natural sciences is very important in forming a holistic worldview and understanding the world as a whole. It is advisable to implement the modular technology of teaching using a computer. For this, for example: entering the "Physics" program of the computer, finding the materials presented in Figure 5 of the appendix, and passing the topics such as "Biological and chemical effects of light" "Photoeffect" of the 9th grade physics course, "Photosynthesis" of the biology course, physics, biology, computer science teachers



will have good results if they teach using an integrative approach in cooperation. In this way, the skills of teachers and students to work with a computer will increase, time will be saved, and the effectiveness of the lesson will be achieved.

Conclusion: In the course of the process, it was proved again that in the teaching of subjects and in the process of practical teaching, the relationship with other subjects takes the main place. In my graduation thesis, I tried to reveal the connection aspects of technology education with all subjects, I developed a teaching method using new pedagogical technologies. In this work I chose, I achieved the goal I set for myself and solved the following main tasks: I studied the relationship between the science of technology education and other sciences; Methodological recommendations on connecting technology education lessons with each other and other subjects were developed; Lesson plans for the use of interdisciplinary connections in labor education sessions have been developed.

REFERENCES:

1. Mirziyoyev Sh.M. Speech at the joint session of the Oliy Majlis Chambers dedicated to the inauguration ceremony of the President of the Republic of Uzbekistan on the topic "We will build a free and prosperous, democratic state of Uzbekistan together with our brave and noble people".-T: –Uzbekistan||, 2016 y, 56 p
2. Mirziyoyev Sh.M. Critical analysis, strict order, discipline and personal responsibility should be the daily rules of every leader's activity. Uzbekistan. 2017
3. Mirziyoyev Sh.M. "We will build our great future together with our brave and noble people." - Tashkent.: –Uzbekistan||, 2017. -486 p.
4. Karimov I.A. ||The perfect generation - the foundation of the development of Uzbekistan||, T:, –Uzbekistan||. 1997
5. Karimov I.A. –High spirituality is an invincible power|| T: –Spirituality||, 2008.
6. Republican Education Center of the Ministry of Public Education of the Republic of Uzbekistan. Unified State Education Standard and Curriculum. Labor education fine art, drawing, music culture, physical education. (grades 1-9). Tashkent. Original layout –Marifat - Pres|| 2010, 290 p.
7. Tolipov.O'.Q, Razzokov D., Bobojonova Q. Implementation of the State educational standard from labor education in general secondary schools. Methodical manual. UzPFITI laboratory. T.: 2000.
8. Abdullayeva Q.M. Basics of sewing design and modeling. T.: 2012. Study guide