

Theory and Methodology of Mixed Education in the Context of an Educational Cluster

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Abstract

Theory and methodology of mixed education in the context of educational cluster ("competence", "competence", "activity competence", "mixed learning environment", "educational cluster", the content of the concepts, "physical education teacher with innovative pedagogical training in mixed education", "The concept of active, spiritual and moral development and upbringing of a teacher of physical culture in the environment of an educational cluster").

Keywords: *Competence can also be described on the basis of concepts such as competency, competency, activity competence, mixed learning education cluster, competency approach, competition, rivalry, competition, efficiency, flexibility, achievement, success, understanding, efficiency, readability, quality, quantity.*

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First of all, in order to make any changes in education, it is necessary to radically change the professional consciousness of the teacher. In the system of mixed education in the context of the education cluster, in order to organize classes on the basis of a new improved standard, our physical education teachers will need to carefully study the state educational standard and curriculum in their subject, get acquainted with the newly published textbook. It is now clear that it is not enough for students to have only the knowledge, skills and competencies in the subjects. Including:

- Some students who successfully graduate from an educational institution face many failures in life;
- Although our young physical education teachers, who graduated from higher education institutions and went to a new job, have enough professional knowledge and skills at the university or institute, their adaptation to the workplace will take a long time;
- At a critical moment, it becomes clear that the knowledge and skills acquired in school, higher education institutions do not correspond to life situations that need to be addressed quickly or are not needed at all in life.

Accordingly, there is a need to create and apply to the educational process DTS based on a competency-based approach that teaches students to apply the knowledge, skills and abilities acquired in the educational process directly in everyday life.

What do we mean by a competency approach?

The word “competition” is derived from the word “to compete”, which means “to compete”, “to compete”, “to compete”. Literally translated, it means “competitiveness”.

According to scientific pedagogical and psychological sources, competence is a very complex, multi-part, common concept for many disciplines. Therefore, its description is different in terms of both size and content, as well as in terms of logic. The essence of the term can also be described on the basis of concepts such as “efficiency”, “flexibility”, “success”, “success”, “comprehensibility”, “effectiveness”, “readability”, “feature”, “quality”, “quantity”.

Accordingly, we accept educational competencies according to the definitions given in the approved standard:

- knowledge - remembering and re-explaining the learned information;
- ability - to apply the acquired knowledge in familiar situations;
- skills - the ability to apply the acquired knowledge and skills in unfamiliar situations and generate new knowledge;
- Competence - the ability to apply existing knowledge, skills and abilities in daily activities.

Competence - requires minimal experience to be able to apply competencies. This should be kept in mind when formulating the requirements for student preparation and in designing the learning process.

Based on the analysis of their role and place in teaching, we list the main functions of the identified competencies:

- ✓ reflecting the social requirements for young citizens who are ready to live in everyday life;
- ✓ Demonstrate the knowledge, skills and abilities of the environment in order to apply their

knowledge and skills in a comprehensive manner;

- ✓ be an integral part of the content of various subjects, areas of education and training;
- ✓ Relate theoretical knowledge in practice in solving specific problems.

In addition to sports, students should have the competence to work with information when planning a physical education teacher's lesson plan.

The "Action Strategy" for the five priority areas of development of the Republic of Uzbekistan for 2017-2021, adopted by the Decree of the President of the Republic of Uzbekistan, sets important tasks to radically improve the quality of education. In the process of implementing these tasks, it is necessary to update the state educational standards, curricula and plans in all areas, to further improve the quality and content of teaching. In this regard, on April 6, 2017, the Cabinet of Ministers approved the "State educational standards for general secondary and secondary special, vocational education."

The ability of a graduate to enter into personal, social, economic and professional relationships, to take his place in society, to solve problems in life, and most importantly, to be competitive in his field, profession, is the decisive factor in the potential of teachers. Hence, along with personal maturity, professional competence is also important to harmonize all innovations in society.

Any news that enters a person's life arouses in him vigilance, even resentment. Accordingly, educators who have been working with traditional methods for many years are not able to organize the educational process based on the improved State Education Standards at the required level.

The physical education teacher should focus on students' independent work and study in order to build students' self-development competencies, create a database of standard and non-standard teaching and test assignments for students' self-assessment, place them in computer memory and turn them into adaptive test assignments., focus on physical, spiritual, mental, and intellectual maturity in the classroom.

Competency-based education is an opportunity for students to apply the knowledge, skills and abilities they have acquired in their personal, professional and social activities. Education based on a competency-based approach develops students' independence, active citizenship, initiative and rational use of technology in their work, conscious career choice, healthy competition and cross-cultural skills.

A person must enter into personal, social, economic and professional relationships in his life and take his place, solve problems encountered throughout his life, and most importantly, have the necessary competencies to be competitive in their field, profession. In addition, in the process of mastering each subject in education, students are formed specific competencies in the field, depending on the specificity of the subject, its content.

In the current situation, the following professional and personal qualities are required for the formation of performance competencies in future physical education teachers:

- be able to quickly adapt to changing life situations;
- be able to communicate openly and work in a team;
- good knowledge of modern production technology;

- be able to independently acquire new knowledge;
- be able to use information technology and information correctly;
- find the necessary information by means of telecommunications;
- further development of intellectual potential;
- to be able to increase the general culture;
- Technology of creation and application of modern didactic means of teaching;
- knowledge of the principles, requirements, as well as the preparation, processing and transmission of information (culture of computer use);
- creation and application of modern teaching aids;
- Develop the ability to search, analyze and select information and educational resources;
- organization of interactive communication between teaching systems on the basis of modern didactic tools of teaching;
- Introduction to interpersonal communication, etc.

In order to ensure the improvement of pedagogical competence of students in mixed education, first of all, the content of the course of mixed education is designed. The following activities are carried out in the design of mixed education: collection and study of educational materials; development of curriculum for mixed education course; development of learning objectives and structure of the course; selection of didactic methods used in the course materials; selection of data presentation forms; selection of media; development of control system and model modules; review of course project and sample modules; submit to the scientific-methodical council for discussion the course project and sample modules. After the formation of the materials "Methods of developing pedagogical competence of students in the context of mixed education" methodical processing and editing of course materials. The main issues of theoretical education are: acquisition of scientific knowledge in the field of general vocational training; formation of a system of knowledge in science, technology, physical education, new information technologies and organization of production; development of technical thinking; developing students' work culture, physical education and sports skills. The main tasks of practical education are: formation of a system of technical and vocational knowledge, skills and abilities; work with computer equipment; use of modern didactic means of teaching in pedagogical activity; regular development of technical thinking and creative activity; formation of labor culture and pedagogical organizational skills. Organizing them in the classroom on the basis of the principles of practical orientation, integration, continuity and continuity, variability, naturalness, scientific, comprehensible, visual, gives effective results.

At present, the use of innovative technologies and interactive methods in the process of mixed education is expanding. The practical application of such methods increases the quality, efficiency and effectiveness of education and increases the motivation of students to learn. Innovation (English "innovation") means innovation, the creation of innovation. This means that the use of a form of work aimed at increasing the effectiveness of the educational process with creativity, not on the basis of templates similar to traditional education, but on the basis of aspirations and innovations, means innovation. Relying on pedagogical technologies and striving for innovation in mixed education helps to effectively achieve the goals of education using a

variety of interactive methods aimed at activating students in the classroom. In this technology, communicative methods are widely used; we will consider their main features. The physical education teacher uses interactive methods to conduct the lessons throughout her career. In the future, it will be expedient for these methods to grow to some extent based on interactive technology.

An interactive teaching method is one that a physical education teacher uses based on the tools available and their ability. At the same time, each student grows in accordance with their motives and level of intelligence. Interactive Learning Technology - Each physical education teacher provides lessons that all students can master as intended. At the same time, each student, having his own motives and level of intelligence, masters the lessons at a pre-arranged level. In the study of some guidelines for the practical application of interactive exercises by a physical education teacher, we need to mention some features that affect the quality and effectiveness of these exercises. We can conditionally call them organizational-pedagogical, scientific-methodical, factors related to teachers and students, as well as teaching aids. We must not overlook whether they have a positive or negative impact in nature. Organizational and pedagogical factors include:

- ✓ attention and discipline;
- ✓ training of physical education teachers to conduct interactive classes;
- ✓ training trainers in interactive methods;
- ✓ creation of necessary conditions for training in the gym;
- ✓ ensure that the classroom is comfortable for speakers and students;
- ✓ prevention of violations of sanitary and hygienic standards;
- ✓ ensure compliance with safety regulations;
- ✓ Regular monitoring, etc. Scientific and methodological factors include:
- ✓ Correct choice of interactive methods to meet the requirements of the DTS and fully achieve the intended purpose of the training;
- ✓ Quality preparation of interactive training;
- ✓ ensure that each element of the interactive lesson is relevant to the topic being studied;
- ✓ determine the topic and content of the lesson on the basis of the latest scientific and theoretical information;
- ✓ application of modern high-efficiency methods;
- ✓ Preliminary determination of the level of readiness of students and the conduct of appropriate interactive classes;
- ✓ Allocate enough time for interactive lessons, etc. In order to organize the educational process using innovative methods, it is necessary to develop a clear lesson plan.

When designing a lesson plan, the physical education teacher should clearly define his / her forms of work and the scope of work in the process of developing students' skills. It is also important to know what methods he will use during the training. The use of more interactive methods in the selection of methods increases the effectiveness of teaching (the word interactive

in English means interaction that is, inter-interaction, interaction, act-action.) Interactive methods - this means interaction, that is, teaching on a collaborative basis. We can mention 4 main types of interactive methods:

- cognitive methods;
- games, experimental activities;
- business games, modeling;
- Practical training, direct activity.

The implementation of the clustering model in the education system of Uzbekistan is being considered in the following years, especially in the G.Muhammedov, Sh.Mardonov, U.Xocamqulov, R.Eshchonov, B.Eshchonov, J.Usarov, A.Shag'dorov and S.In the scientific research of Uzbek researchers toshtemirova on the basis of the innovation cluster of pedagogical education on the basis of ensuring the link between the types of regional education, increasing quality efficiency, the introduction of innovative ideas on the training of qualified specialists and their implementation of effective experimental analysis are described.

Foydalanilgan adabiyotlar

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