



ORGANIZATION OF THE EDUCATIONAL PROCESS BASED ON THE COMPETENCE APPROACH

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Abstract: *The formation and development of the potential for self-realization of students' ability to think logically about the scientific worldview of chemistry in general Secondary Schools consists in the content of cognitive abilities and competencies based on the competence approach necessary for their social life and continuing education.*

Introduction: The main goal of the concept is to determine the development strategy and the system of new approaches in general secondary schools. Education based on a competent approach independence in order to have an active civic position in students the initiative to be able to rationally use mediaesurs and Information Communication Technologies in their activities conscious professional choice forms healthy competition and universal skills [1].

The fact that a person enters into personal social economic and professional relations in his life is to solve the problems that his place in society faces, the most important thing is that he has the basic competencies necessary to be competitive in his field by profession. In addition, in the process of mastering each academic discipline in education, students are also formed private competencies related to the industry, based on the content of the specificity of this discipline. As a result of Education based on a competency approach, a generation of generations will be able to find a worthy contribution to the development of our country with a broad outlook.

The implementation of the ideas laid down in the concept of the development of Chemical Education in general secondary schools in the educational process requires the implementation of comprehensive and responsible work. In this case, it will be necessary to create and publish new textbooks on the basis of DTS and curricula based on a competency approach, create additional literature on chemistry for teachers, and organize the widespread use of Information Communication Technologies in the course of the publication lesson for free trade [2].

The introduction of concept ideas as well as DTS and training programs based on a competency approach to chemistry education is carried out in stages. The full implementation of the ideas of the concept in the process of chemical education contributes



to the development of chemistry teaching in general secondary schools to strengthen the intellectual potential of our country to increase the effectiveness of Chemical Education. Within the framework of the concept, it is envisaged to achieve the following indicators by performing the tasks set [3].

Relevance of the topic: The concept becomes the basis for the requirements established by the state educational standard of general secondary education. The broad introduction into practice of the goals and objectives set in the concept effectively affects the intellectual development of students [4]. Stages of teaching chemistry the content of education in educational science and the criteria for qualification requirements are determined.

A brief analysis of scientific research on the topic: By introducing STEAM education, it increases the level of literacy of its students on the basis of the integration of Sciences. In the assessment of students' knowledge in the system of public education, the national participation of the Republic of Uzbekistan in international programs and research on the assessment of the quality of Education (PISA, TIMSS) is ensured. Teaching chemistry the formation of the first engineering skills and competencies of scientific technical literacy of school graduates at the same time, the professional use of modern technical systems teaches design and helps to strengthen the practical aspects of general secondary education achievements in the field of science through their application in practice, Educational Research and ingenuity abilities of students are developed [5]. Learning based on a competency approach has assimilated students information in standard and non-standard situations of types of educational and life activities it is characterized by the fact that it prepares to be able to apply.

The novelty of the article: Adaptation of school education to the requirements of modern development subjects improving e-learning resources, with electronic resources of students ensure active communication, carry out independent training and self-assessment, search for the necessary information operatively and solve the problems that arise its use in the construction implies the formation of competencies. In this regard, one of the indicators of the quality of education is competence is [6]. It is not only a sum of knowledge and skills, mobilize the knowledge acquired by students and experiment in specific situations it is characterized by being able to apply [7].

The purpose of the study: The main essence of teaching based on a competency approach to the profession students in the educational and educational process organized in reference subjects the knowledge, skills and abilities acquired by him during his personal life, as well as the competencies to be able to apply in future professional and social activities orientation to formation is counted [8].

Object of the study: Students are personal throughout their future lives, entry into social, economic and professional relations, its place in society the solution of the problems encountered in this process, the most important is the necessary support to be competitive in their field, profession must have competencies [9]. Who prepares the basis for the general development of the student's personality competencies base competence, which is formed only through educational science competencies are called private competencies.



As you know, the process of education and training of schools of general secondary education base competencies in students through, including communicative, informational be able to work with, self-development as a person, socially active citizenship, aware of the news of universal, mathematical literacy, science and technology it is tasked with the formation of competences of being and use [10].

In particular, In the "National Encyclopedia of Uzbekistan" the word competence is explained as follows: competence (lat. *competo* - I achieve, I deserve, I deserve) - certain state body (local self-government body) or official powers, rights and duties established by law, charter or other document scope; it is either knowledge, experience in this area. The term "competence" is practical in solving common issues in a broad sense applying knowledge and skills based on experiences, acting successfully means ability [11].

From the Latin word "*campetere*" - to be in accordance out. Competence "initiative". Determination: initiating action and being able to effectively influence an event with its personal positive aspects. Constantly in search being, taking on new tasks, additional work. Usually every for the position, 5-10 basic professional competencies are prescribed. They are explained. In this case, test questions are formulated by the teacher in accordance with the goal will. Each of the test questions being asked to a certain competence will be adapted. How much is the test Student these competencies shows that they are occupied. According to its results, the student's competence seizure levels are determined. In a broad sense, the competence of the issue, as well as certain knowledge based on practical experience in solving the essence of the field, knowledge and the ability to apply skills [12].

Approach with competence in education the acquisition of students of various skills, social, professional and personal in the future directs to act effectively in their lives. Competence is a sign of activity that leads to the expected result. He knowledge the product is the ability of a specialist to apply it in practice.

The difference between competence and knowledge is that without the practical performance of the task, it can neither will it be appreciated nor will it be appreciated. Qualification is an important criterion for competence wherein it is repeatedly in different situations, including in problem situations manifested as a result of application. Practical competence is a product of knowledge and the ability to apply it in practice ability [13].

Also, competence, different from knowledge, is a manifestation without practical activity it will not be and it will not be possible to evaluate it. Professional competence-knowledge in solving issues related to professional activity and the ability to effectively apply skills in practical experience: From the composition of the state educational standard, which is based on the current, that is, a competency approach:

- goals and objectives of the academic discipline;
- the content of the study of general science subjects;
- competencies in base and science;
- qualification assessments for graduates of general secondary and secondary special, vocational educational institutions;
- base training;
- training programs took place.



The project of DTS and training programs based on the competence approach has been experimented and improved for three years in 70 educational institutions of the Republic and 6 specialized state comprehensive schools under the ministry. Education based on a competency approach forms students' skills of independence, having an active position of Integrity, Initiative, rational use of media resources and Information Communication Technologies in their activities, conscious professional selection, healthy competition and generalization. A person must have in his life the basic competencies necessary for him to enter into personal, social, economic and professional relations, take his place in society, solve the problems he faces, and most importantly, to withstand competition in the profession of his industry [14].

At DTS, competencies are divided into 2 types:

- 1) base competence;
- 2) competence in Science.

Competence is the ability to apply theoretical knowledge, practical skills and abilities acquired in science in practice, using them in solving practical and theoretical issues that are encountered in their daily lives [15].

Competence – (Latin: *competens*-able, has the ability) competence includes, in addition to pure professional knowledge, skills and abilities, the characteristics of Initiative, cooperation, ability to work in a group, communicative ability, Ability to realistically evaluate, logical thinking, sorting and using information. Base competencies:

1. Communicative competence – perfect mastery of the native language and any foreign language in order to enter into interaction in society, and to be able to effectively use it in communication;

be able to clearly and intelligibly state one's opinion orally and in writing, logically put and answer questions based on the topic;

social flexibility, follow the culture of interaction in mutual communication, be able to

2. Working with information—from available information sources (internet, TV, radio (audio-video recording) to telephone, computer, e-mail, etc.

To be able to search, sort, process, transmit, store, secure and comply with the media culture when using media tools;

be able to create a database, select the main ones and analyze them;

be able to work with documents found in their daily activities (be able to write simple greeting cards, fill out questionnaires, record information about themselves in the hotel list, etc.) [16].

3. Competence of self-development as a person – constant self-development as a person, striving for physical, spiritual, mental and intellectual perfection;

learning to read throughout life, regularly increasing knowledge, experience independently;

having qualities such as lawyer assessment of one's own behavior, self-control, honesty, correctness;

reading-being able to solve problems encountered in everyday life using what they have learned and life experience.



4. Socially active civil competence – to feel and participate in the genius of what is happening in society, phenomena and processes;
to know its civil duties and rights, to comply with it (that is, to be able to act as a buyer, voter, client, producer);
to have a treatment, economic, legal culture in labor and civil relations;
to serve for the interests of society [17].

Conclusion

Professional erudition and co-authorship of a school teacher of the present time its criteria include: social, methodological and specialization proficiency, as well as to know, to be able to explain, to be observant, to be able to speak, to be organized, to gain a reputation, being able to deal correctly, be able to see the future and be able to distribute attention skills. The teacher has professional competence at the level of the position in which he occupies can successfully organize the pedagogical process only when you feel that it is. Already give him professional knowledge, honesty, truthfulness, searchability, tireless productive qualities such as work, creativity and creativity exalt. His erudition, activity, hard work, humility, spirituality and culture, enlightenment readers will receive respect from future professionals.

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