

FORMATION OF COMPETENCIES IN TEACHERS AND STUDENTS THROUGH AN INNOVATIVE APPROACH

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Formation of Competencies in Teachers and Students Through an Innovative
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"Science is such a great, great thing—that it must be appreciated. Those who appreciate will
achieve happiness, glory".

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Abstract

Changes in all directions in life are often determined by innovative processes. Even the phrases used in the education system of the former are becoming obsolete and replaced by new terms. While students have been focused on learning to write only reading in schools, to this day, innovative technologies of education are entering the education system due to progress. The main purpose of the cross section of all branches operating in the educational system, for the faster development of education, innovation is the faster introduction of educational elements into the system, but for this, first of all, the team of educators in secondary schools should be prepared in every possible way. Today, in our country, it is necessary to pay great attention to the training of mature, physically strong, competent, independent-minded, strong-willed and enterprising personnel in every possible way, first of all, through the improvement of the educational system. Any innovation will not be easily introduced into life, it will have its own complexity and difficulties, the concepts of "innovation", "innovation processes", "innovation education", "innovation technologies" will first of all have to be thoroughly studied from a modern point of view. Since the creation of the universe, development and progress have been the main part of human activity. As a person's experience in life increases, he increases his mental capabilities by improving his activities in every field, in a constant state he himself develops. Development is a concept inherent in a person. This also applies to pedagogical activity. To upbringing, the ground is initially laid in the family, the foundation is laid. In the educational system, the student is given both upbringing and education. In order to formulate the technological competence of students on the basis of an innovative approach, first of all, the teacher must have a general understanding of pedagogical innovations.

Introduction

Pedagogical innovation technologies have been formed in Europe since the 50-60s of the 20th century. For many years now, the study of these technologies has also been sent in Uzbekistan. In the following years, much work was carried out in this area by our scientists. Today, scientists of our country are engaged in scientific research on innovation, innovative thinking,

innovative activities, pedagogical innovations. The use of innovative methods in classes serves to improve the quality efficiency of classes. Therefore, realizing the meaning of such concepts as "innovation", "innovation process", "innovation technologies", "innovation activity, the organization of lesson processes, using interactive techniques, is gaining importance. The main goal of the modern form of education today is to educate and form a person who has developed comprehensively, is able to find solutions to any complex situations, think creatively. This in turn requires the formation of technological competence of students on the basis of an innovative approach.

World-wide reforms in the educational system, pedagogical the innovative approach to processes and the application of interactive technologies are in demand. In the course of the lesson, the level of creativity and development of the teacher professionally and pedagogically will directly depend on the quality and effectiveness of the innovations that he uses in the educational process. On the basis of a competency approach, the development of professional and pedagogical creativity of science teachers is improved through intellectual assignments of different character, interactive technologies. In addition, the competency approach should be aimed at training all science teachers to develop their creative thinking and work on themselves. Our society today needs creative people who work more on themselves, who are inherently free-minded, who are literal devotees of their science. Today we have all the necessary conditions for bringing the educational system to a high level in order to create educational and methodological manuals, the ARM, the Center for information technology and distance education, rooms equipped for the full use of Information Technology and new pedagogical technologies from the internet are also organized, it will only be necessary to conduct incessant scientific research. In order to form competence in students, it is necessary to pay attention to preparing students both mentally and physically and from a moral-psychological point of view, in conjunction with preparing them for life in the course of the lesson. With an approach to competency to direct the student to education, it is advisable if the student is independently sought, both in the course of the lesson and in times outside the classroom, to do creative work. In recent years, the relevance of innovative technologies used in the educational system has been noticed. One of the main requirements of the new system of Education consists in the formation of adulthood, raising a person who is comprehensively developed, finds a solution to the problem even in any complex situations, is able to think creatively. This in turn requires the formation of technological competence of students on the basis of an innovative approach. The main goal of the formation of competence in students is primarily to teach and help the student to be physically strong, to train and develop in every possible way with intellectual potential and willpower and to work creatively. From now on, in the preparatory stages in modern schools, it will be necessary to study the personal aspirations and abilities of students, based on their social need and their own heat. The reforms carried out in the field of education are one of the most important issues today, to further improve the pace of development of quality and efficiency of education and to effectively use the opportunities and conditions created, and to train competitive teachers for educational institutions. The rapid development of modern techniques and technologies, the rapid renewal of existing knowledge, the adaptation of teachers of all disciplines to existing conditions requires the acquisition of skills



and abilities, as well as the desire to acquire new knowledge. Innovative activities require each educator to aim mentally, physically and mentally from himself, as well as acquire theoretical-practical knowledge, skills and qualifications, supplement with innovations in the educational system and develop organizational skills. Innovations make it possible to achieve the expected result in education by technologizing educational processes in the current modern conditions, improve the quality of training and increase its effectiveness.

To do this, it will be necessary for the science teacher himself to get used to an independent search, in teaching, and to a creative approach to it, independently solving life problems. Today, the formation of an independent thinking free personality is the main task of the system of continuing education, in which the development of professional and pedagogical creativity of science teachers on the basis of a competency approach is important. Competence requires each educator to tirelessly enrich his knowledge in his specialty, learn innovations in the educational system, feel the requirements for education on a global scale with alertness, skillfully apply new interactive techniques in practice. A specialist who owns a competence will have such skills as self-mastery in solving problems, good knowledge of the use of methods and methods suitable for this particular situation, selective and applied methods worthy of the current situation, rejection of the inadequate ones, and a close eye on the issue. Competence in the personal and social significance of the future teacher the knowledge, skills and skills necessary for the holder to carry out professional activities able to acquire qualifications and apply them in professional activities represents.

To do this, of course, it is advisable to provide the educational process with highly qualified scientific and pedagogical personnel, quality educational and methodological and didactic materials, to establish a mutually beneficial integration between the educational system and science and practical activities. Integrasia (from the English —"integratio"-meaning restoration, Union of parts). In order to practice a competency approach in the educational system, it requires careful and scientific study of all aspects of the process. For this, in the educational process, the development and modernization of implementation Technologies is one of the most important tasks of kilish. One of the most important factors in the formation of professional competence and pedagogical creativity in science teachers is the effective and high-quality organization of the educational process, the main goal of which is to organize the training process from a creative point of view, to make the most of various interactive educational methods.

In principle, from interactive educational methods, lessons of an unconventional form make it possible to hear the opinion of others, to advance and substantiate his own independent thoughts, to summarize the opinions expressed on the topics, as well as to come to a final conclusion, as a result of which students develop and develop an interest and need for mastering educational materials. As an important factor in improving the effectiveness of each lesson, when analyzing the degree of effective application of the recognized pedagogical technologies to the educational process, it is determined by how the result was achieved was mastered by the students in the content and essence of the subjects. In order to implement the above points, it is necessary to thoroughly master the basics of science, be deeply armed with the secrets of pedagogy, psychology and knowledge in all disciplines, have a high level of professional



training and, together with the study of advanced pedagogical technologies and modern information technologies, be able to know and apply the content and essence of new teaching methods to a high In fact, in the implementation of a new educational system, each subject teacher can regularly study the latest and new information about his subject and organize the educational process at the level of the requirements of the time, if he can apply them qualitatively in his work activities. It depends on the degree to which the science teacher has the skill of being able to conduct deeply educated and effective activities and to what extent sufficient theoretical and practical knowledge has been formed in him in his subject, the skill of making the most effective use of modern information technologies in the course of the lesson. Today, changing rapidly, each teacher will have to work tirelessly on himself and be able to master modern pedagogical technologies and apply them in the course of th

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