

**FORMATION OF MODERN SKILLS IN PRIMARY EDUCATION
STUDENTS ON THE BASIS OF INTERNATIONAL ASSESSMENT
PROGRAMS AS AN IMPORTANT PEDAGOGICAL PROBLEM**

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Abstract

This article provides information about international assessment programs, changes in the field of education in our country, PIRLS and TIMSS and other assessment programs, information about the role of international assessment programs in ensuring the quality of education in mastering subjects of elementary school students. Also, the conditions of origin of these evaluation programs and the legal basis of their application in our country were discussed.

Аннотация

В данной статье представлена информация о программах международной оценки, изменениях в сфере образования в нашей стране, PIRLS и TIMSS и других программах оценки, информация о роли программ международной оценки в обеспечении качества образования учащихся начальных классов в освоении предметов. Также были обсуждены условия возникновения этих оценочных программ и правовые основы их применения в нашей стране.

Ключевые слова

PISA, PIRLS, IEA, TIMSS, ICCS, оценивание, начальное образование, технология, метод, обучение.

Key words

PISA, PIRLS, IEA, TIMSS, ICCS, assessment, primary education, technology, method, teaching.

The educational process is utilizing the efficient technologies of the development of modern skills in primary school children based on worldwide assessment programs (Trends in worldwide Mathematics and Science Study). The development of mechanisms for students to form modern skills based on international assessment programs of elementary school students based on the TIMSS international assessment program, the creation of multimedia electronic resources based on international assessment programs, and a wide range of large-

scale education quality assessment works are being carried out, along with the training of pedagogical personnel in accordance with current requirements.

In addition to these initiatives, efforts are being made to "improve the process and means of evaluating the quality of education, putting into practice the mechanisms that allow to determine the achieved results," assess students' knowledge in accordance with global norms, and put into practice strategies aimed at enhancing the quality of mathematics and natural science instruction. In this sense, to raise the standard of education to an international level and to develop the degree of their skills to solve the tasks of international studies (PISA, TIMSS, PIRLS) and to conduct the teaching and professional training of teachers in mathematics and natural sciences based on international qualification requirements.

Scientific research on the implementation of diagnostics, the establishment of modular education, the activation of social communication, and the determination of the professionalism of the primary school teacher is of particular importance. In recent years, the concept of development of the public education system until 2030 has been approved in our republic, five initiatives have been put into practice, including comprehensive measures aimed at creating additional conditions for youth education, improvement of teaching methods, as well as education the process of gradual implementation of the principles of individualization and the training, retraining and upgrading of professional personnel, the introduction of modern information and communication technologies and innovative projects in the field of public education, and participation in international studies on the evaluation of the quality of education are being created. "Creating a total of 769 video lessons by 2026 for the electronic training platform for the purpose of training teachers in new methods of the curriculum" was set as an important priority. This will expand the opportunities to improve the methodical training of primary school students in the educational process based on new pedagogical technologies and international assessment programs.

The trends in the development of the education quality assessment system in the world are rapidly changing. The PISA international assessment program has a scientific and pedagogical significance due to the scope of coverage of the participating countries, the evaluation methodology and the representativeness of the results. The introduction of assessment programs into the national education system of different countries, scientific analysis in conjunction with the results of the assessment program in determining the directions of the reform of the education system, the literacy of students in reading, mathematics, natural sciences

in accordance with the concept of the assessment program, as well as The weight of scientific research on the formation of computer, knowledge of foreign languages, financial literacy is increasing year by year. The participation of the Republic of Uzbekistan in the PISA international assessment program is considered as an opportunity to increase the potential of the national education system. Currently, the organizational-methodical stage of preparation for this evaluation program is being carried out effectively in our republic. Successful participation in the evaluation program, in turn, creates the need for scientific analysis of the pedagogical conditions for the formation of basic competencies of students on the basis of the national education system, and the didactic possibilities of developing tasks similar to the tasks used in the tasks of the evaluation program.

To create an innovative educational environment in the research conducted by the world's leading educational institutions and scientific centers, as well as PIRLS, PISA, TALIS (Teaching and Learning International Survey), TIMSS (Trends in Mathematics and Science Study), EGMA (Early Grade Math Assessment), special attention is being paid to the introduction of international educational standard requirements such as EGRA (Early Grade Reading Assessment). Today, the successful use of modern information and pedagogical technologies in the educational process is related to the development of theoretical foundations and implementation mechanisms for effective implementation of such indicators as motivational, cognitive, operational, reflexive and self-assessment into the system.

In the education system of our republic, one of the main directions of the long-term development of the public education system is to "achieve entry into the ranks of the first 30 advanced countries of the world by the year 2030 according to the rating of the "International Student Assessment" program. In primary education, which is the foundation of the continuous education system, the formation of students' learning competencies based on the organization of independent work is one of the important processes in increasing the effectiveness of education.

In the Resolution PQ 4623 of the President of the Republic of Uzbekistan dated February 27, 2020 "On measures to further develop the field of pedagogical education" introduction of digital technologies in education, ensuring a solid integration of modern information communication and educational technologies, ultimately continuously developing the professional skills of pedagogues, highly cultured, with practical professional skills, modern education, teaching methods and evaluation criteria the priority directions of the development of the field of education, such as the training of pedagogic personnel, were determined [1]. Based on these priority directions, to familiarize primary school students with advanced

foreign experiences and international trends in terms of quality of education, students' educational achievements - knowledge, skills and competences, assessment of competencies, the improvement of their evaluation competences acquires important theoretical and practical importance. Decrees of the President of the Republic of Uzbekistan dated April 29, 2019 No. PF-5712 "On approval of the concept of development of the public education system of the Republic of Uzbekistan until 2030", No. PQ-4119 dated January 16, 2019 "Development Decision of the Cabinet of Ministers of the Republic of Uzbekistan No. 213 of April 14, 2021 "On additional measures to improve the system of glue quality control" This dissertation research serves to a certain extent in ensuring the implementation of the tasks defined in the decision of "On" and other regulatory and legal documents related to this activity.

Provision of quality educational services to young people by assessing the quality of general secondary education, including primary education, formation of modern skills in primary education students based on international assessment programs, in which basic competencies. We will briefly touch on the nature and importance of international comparative studies, which are given priority in the world's leading countries today. Such studies include: PISA - (Programme for international student assessment): PIRLS - (Progress in international reading literacy study) international project on reading and understanding the text. 4th grade students will participate in it. IEA - (conducted by the International Association for the Evaluation of Educational Achievements). TIMSS - (Trends in mathematics and science study) - an international study on monitoring the quality of education of 4th, 8th, 11th grade students in mathematics and natural sciences. Organized by the IEA. ICCS (international civic and citizenship study) is an international study on civic education of schoolchildren conducted by the IEA. TALIS (Teaching and learning international survey) is an international survey on teaching methodology conducted by the Organization for Economic Cooperation and Development. ICILS (international computer and information literacy study) is an international study on computer and information literacy organized by the IEA. Assessment of schoolchildren's level of preparation for study, work and life in the information age is carried out. TEDS (teacher education and development study in mathematics) is an international study on the assessment of the level of preparation of elementary and secondary school mathematics teachers.

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