



SCIENTIFIC-THEORETICAL AND PRACTICAL BASIS OF IMPROVING THE MECHANISMS OF USING INTERNATIONAL ASSESSMENT PROGRAMS FOR INCREASING EDUCATIONAL EFFICIENCY (BASED ON THE PIRLS INTERNATIONAL ASSESSMENT PROGRAM)

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Received 24 th October 2022	Description of the PIRLS international assessment program and the International Association for the Evaluation of Educational Achievement (IEA), the procedure for assessing the reading literacy of elementary school students, information on modern methods and tools for improving the mechanisms of using international assessment programs to improve educational effectiveness.
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In the 21st century, the development trends of the education system in the world show that raising an intellectually developed, competitive perfect person is one of the most important tasks that cannot be delayed. The power of any country is determined by its intellectual potential. This directly depends on the quality of education.

Knowledge is directly related to reading skills, and one of the important tasks in the educational process is the formation of skills and abilities to read books and understand them. As the PIRLS (Progress in International Reading Literacy Study) system of evaluating the reading and reading comprehension skills of the learner, including in primary grades, has been used since 2001. PIRLS is an independent system of educational literacy assessment, which is carried out every five years by the international association IEA. This organization has been conducting extensive research in the education system since 1958. PIRLS results are constantly analyzed and discussed by international experts. PIRLS helps to identify the strengths and weaknesses of the education system. The results show that economic development has a proportional effect on the quality of education and its outcome. It is known that each educational institution solves a number of tasks related to the quality of education.

The possibility of achieving educational goals means: - educational goals; - educational standards; - educational programs, program quality; - the material and technical base of the educational process and its quality; - quality of teachers; - and it is possible to refer to the informational educational and methodological base. Each of the above characteristics of educational quality encompasses specific learning, analysis, evaluation opportunities, and practice. Currently, the quality of education is one of the important characteristics that determine the level of competitiveness of the country's schools. From this point of view, the quality criteria of education can be classified as follows:

Criterion 1: Learners' personal achievements in learning

Criterion 2: Professionalism of teachers

Criterion 3: Organization of the educational process

Criterion 4: Organization of management activities

Criterion 5: Innovative activity.

Among more than 60 countries, students from Uzbekistan participated for the first time in the PIRLS international evaluation program. In cooperation with the International Association for the Evaluation of Educational Achievements (IEA) on PIRLS and the Organization for Economic Cooperation and Development (OECD) on PISA, participating schools and students from our republic were selected based on the principles of randomness. It is planned that 5,948 4th graders studying in 180 schools in Uzbekistan and their parents, school principals and class leaders will participate in the PIRLS research to be held in April of this year. On March 13, 2020, the Ministry of Higher and Secondary Special Education of Uzbekistan, the Ministry of Innovative Development, the Ministry of Public Education, Tashkent State Pedagogical University, Moscow State Pedagogical University and Belarusian State Pedagogical University in cooperation on the topic "PIRLS INTERNATIONAL ASSESSMENT PROGRAM: THEORY AND IMPLEMENTATION PROSPECTS" an international scientific-practical remote conference was held.

The PIRLS main survey is a paper-based study in which 4th grade pupils complete reading comprehension tests and complete a student questionnaire that reveals their personal opinions about their educational interests and home and school environment.

Also, principals of participating schools and selected class teachers complete a school and teacher questionnaire that examines the educational environment in the educational institution, and parents or guardians of pupils complete a home questionnaire that examines the educational conditions of their children.

PIRLS research emphasizes that a successful education is the foundation of a successful individual, a successful future, and a successful career. As a result of its 15 years of research, the international association IEA has analyzed the activities of more than 60 countries, more than 12,000 schools, more than 340,000 students and more than 16,000 teachers. It is noted that the level of literacy of 4th grade students has increased significantly over 15 years. International experts evaluate 2 types of studies:

- experience of reading new literature;
- reading skills aimed at acquiring new information.

Participants in the study read information in 2 types of literature: fiction and informational. In this, 4 skills of the research participants are evaluated: finding the necessary information and reciting it, drawing the necessary conclusions from a certain part of the text, showing interpretations of the actions of the main characters, and confirming their opinions with examples from the necessary parts of the text. It is worth noting that Uzbek students participated in this research for the first time, but the positive changes taking place in the school education system show that our children are ready for any complex tests. Taking into account the fact that today representatives of the education sector have sufficient information about international assessment systems and their importance, it is urgent to improve the mechanisms of using international assessment programs to increase the effectiveness of education in educational institutions, the topic of our research work is "Improving the mechanisms of using international assessment programs to increase the effectiveness of education in primary grades (PIRLS) in the example of the evaluation program" was selected.

It can be seen that PIRLS - (The Progress in International Reading Literacy Study) international assessment program is designed to assess the level of reading and understanding of the text of 4th graders. This international program prepares the ground for successful continuation of studies at the next stage of education by making students understand the read text, interpret it, and make the right decisions in their independent life during the educational process organized in primary classes.

PIRLS helps to identify the strengths and weaknesses of the education system. The results from this evaluation program show that economic development has a proportional effect on the quality and outcome of education. Therefore, if we analyze the decisions of the Government of the Republic of Uzbekistan and the Cabinet of Ministers, the research aimed at determining the socio-pedagogical tasks that are of significant scientific and theoretical importance for the successful organization of the educational process, the scientific research works directly related to the topic of our work, the scientific study of problems in this direction abroad we see that it started in the 50-60s of the last century. Rakhmonova D., Ergasheva S.R., Turdiev S. from Uzbek research scientists. R., Shodmonova A.Sh., Nishonboeva M., Turaeva Z. and others are conducting research on the experiences and challenges of using advanced PIRLS methods in educational outcomes assessment. The materials collected by them are currently widely used in the practice of raising the quality of education to a higher level in the primary classes of general education schools. In the process of preparing for the PIRLS international assessment program, the following methods are used: observation, interview, socio-pedagogical questionnaire aimed at determining the literacy of primary school students, comparative analysis, PIRLS exercise books, educational materials and mathematical and statistical methods.

The results of this research work can serve as a theoretical enrichment of the collected data on raising the quality of education to the level of international standards, reforming the national education system, improving the content of education, the training of pedagogues and their professional development programs. The importance of the dissertation work is evident in solving issues related to improving the mechanisms of using international assessment programs to increase the effectiveness of education in primary grades. It will be possible to use their work to increase the effectiveness of education in general education schools.

It is important in the conditions of Uzbekistan to measure the level of education of the young generation based on world standards in today's scientific and technical development. There are many problems in the process of improving students' literacy in the conditions of globalization, in order to solve them it is very important to study the specific aspects of the world education system and assessment standards. There are problems with many of the educational efficiency mechanisms listed above that are important to address.

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