

THE USING OF INTERNATIONAL PROGRAMS IN THE ASSESSMENT OF THE QUALITY OF EDUCATION: IN THE CASE OF TIMSS AND PIRLS

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Abstract: *Assessment of the achievements of students is carried out by conducting objective tests not from all students, but from students selected as representatives of this layer. Also, surveys of school principals, teachers, students, and even parents are conducted to gather valuable information on factors affecting the quality of education. This article provides information about some international research systems.*

Key words: *education system, pedagogical methods, PIRLS, TIMSS, IEA, quality of education.*

INTRODUCTION

Organization of international studies in the field of evaluation of the quality of education in the public education system of the republic, establishment of international relations, scientific research and innovation activities of students and young people, first of all, creative ideas and creativity of the young generation. In order to support and encourage, the Cabinet of Ministers decided:

1. The State Inspection of Education Quality Control under the Cabinet of Ministers of the Republic of Uzbekistan (hereinafter referred to as the Education Inspection), the Ministry of Public Education, the Ministry of Foreign Affairs and the Ministry of Finance:

a) organized international studies (hereinafter referred to as international studies) on the following international evaluation programs.

Progress in International Reading and Literacy Study (PIRLS) — to assess the reading and comprehension level of primary 4th graders;

Trends in International Mathematics and Science Study (TIMSS) — to assess the level of mastery of mathematics and natural sciences of 4th and 8th grade students;

The Program for International Student Assessment (PISA) — to assess the level of literacy of 15-year-old students in reading, mathematics and natural sciences;

The Teaching and Learning International Survey (TALIS) - to study the environment of teaching and learning in general secondary educational institutions and the working conditions of teachers;

b) to proposals on the establishment of the National Center for the Implementation of International Studies on the Evaluation of the Quality of Education (hereinafter referred to as the National Center) under the State Inspectorate for Quality Control of Education under the Cabinet of Ministers of the Republic of Uzbekistan consent is given.

2. The main tasks and activities of the National Center are defined as follows.

-participation as a representative of the Republic of Uzbekistan in the organization and coordination of international research;

-conducting scientific research aimed at the development and implementation of innovative methods of developing the level of literacy in the education system, mathematics and natural sciences;

-establishment of international relations in the field of education quality assessment, development and implementation of international projects, participation in the organization and holding of international scientific conferences and symposia;

-conducting fundamental and applied research in the field of education quality assessment;

-scientific and methodological support for research on the assessment of the quality of education;

-ensuring the successful participation of general secondary education institutions in international research;

-Comparative comparison of the results recorded by the Republic of Uzbekistan in international evaluation programs with the results of other countries;

-to carry out systematic monitoring of the introduction of international assessment programs into the educational process, popularize the best experience in this field and participate in the development of recommendations and manuals for educational institutions based on it;

-preparation of educational and methodical recommendations on improving the qualifications of pedagogic personnel in reading, mathematics and natural sciences using innovative methods of teaching [1].

Main part.

If the TIMSS program will be conducted in the future in a completely digital format, this is what the students have it is necessary to develop the skills of adaptation to the process. Currently in the field of education Ignorance of digital technologies makes a person like a bird with one wing. A bird with one wing certainly cannot fly to the sky [2]. To study foreign best practices in order to improve the quality and efficiency of education, implementation of international standards in our educational system and digital technologies use is also important in the educational process. It is also high in the education system to achieve results, of course, using digital format products need Digital technologies have many positive results in the field of education we see from experience. Modern technologies applied to the educational system first of all, it should serve to bring the quality of education to a new level. To the educational system international assessment programs are of great importance for the introduction of digital technologies.

One such country is Finland. Finland international assessment after starting to participate in the programs, the whole world with the achievements of its educational system began to turn to himself. Studying Finland's educational experience in Uzbekistan as well for the purpose of wide introduction, meetings were organized and in these meetings Finland's 4th The Skillgrower platform, which specializes in teaching mathematics to 18-year-old children, is Uzbek Agreements have been reached on the launch of its language version. Currently this platform it works through the link below

[<https://www.skillgrower.com/uz>]. This electronic platform is very interesting for students. Pupils to improve mathematical competence by completing tasks on the platform they had the opportunity. Another advantage of this platform is that the platform accessed through digital technologies. Pupils to complete tasks on the platform in the process, they develop the skills of using digital technologies. Above as we mentioned, in TIMSS 2023, Uzbekistan will use a digital form of assessment. In this process, students need not only mathematical knowledge, but also digital technologies. It is necessary for them to know how to use (computer, telephone, etc.). From this platform use will serve to achieve a better result in TIMSS 2023.

Assessing student achievement is not for all students, but objective tests from students selected as representatives of this layer is carried out by transfer. Also, school principals, teachers, students and even parents are surveyed and the impact on the quality of education valuable information is collected on the contributing factors. PIRLS International Study to what extent the reading comprehension skills of primary school students allows for international comparison of information about development to public policy in the field of education in improving learning and teaching. A major international assessment that provides analysis that can serve is a program [5]. Reading literacy is currently defined by PIRLS written language required by society and valued by man understand the forms and use them, as well as different from the texts is also the ability to create meaning in forms.

From the point of view of primary reading literacy, it should be noted that in the 2016 PIRLS, more than half of the countries have almost all students (more than 95 percent) demonstrated basic reading skills. These students had to find and repeat ideas and information from the text and make direct conclusions. 2016 PIRLS results 15 years ago that more students have good reading skills than before showed. Reading literacy growth from 10 countries since PIRLS 2001 results. In 2 countries, this indicator has been observed to decrease. The interesting part is PIRLS 2016 according to the results, in 48 out of 50 countries [4,7], girls are higher than boys showed the results. Literacy of girls and boys since 2001 the difference between them has not decreased. Reading literacy of girls in 2001 in this respect, he surpassed boys [5].

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