
INTERNATIONAL ON THE ASSESSMENT OF THE QUALITY OF EDUCATION IN THE PUBLIC EDUCATION SYSTEM NORMATIVE FOR THE INTRODUCTION OF STUDIES (PISA, TIMSS, PIRLS) LEGAL GROUNDS

Aziza Amonova Saidulloyevna
JSPU Faculty of Primary Education 4th Grade Student

Abstract:

This article mentions measures and measures for the introduction of international studies on the assessment of the quality of education. Information is provided about the regulatory and legal basis of international assessment programs, their role in the educational system.

Keywords

education, assessment, task, PISA, PIRLS, TIMSS, national system, achievement, research

Introduction

In the Decree No. 5712 of the President of the Republic of Uzbekistan of April 29, 2019 "On approval of the concept of development of the public education system of the Republic of Uzbekistan until 2030", by 2030 the first 30 in the world in the rating of the PISA international program national evaluation of the quality of education aimed at assessing the level of literacy of students in reading, mathematics and natural sciences based on the organization of international studies in the field of education quality assessment in the public education system system creation tasks are defined. Also, within the framework of the concept, taking into account the special emphasis on the development of students' critical and creative thinking, independent search for information, analytical competencies and skills, the introduction of general education programs and new state education standards that meet the requirements of the modern innovative economy , continuous participation in international PISA, TIMSS, PIRLS and other programs is provided for the assessment of students' knowledge level. A successful participation in the PIRLS research has a unique place in the implementation of these tasks. Therefore, in order to provide information about the new international study in the field of education quality assessment for the employees of the public education system, teachers and those interested in this field, "Evaluation of reading literacy of primary school students in international studies" A methodical manual was developed. This guide provides general information about PIRLS research, its specific features, and the development of control-testing materials. At the same time, several samples of PIRLS research tasks, i.e. texts and questions, and their evaluation criteria are presented.

Decree of the President of the Republic of Uzbekistan

Determining the priorities for the systematic reform of general secondary and extracurricular education in the Republic of Uzbekistan, raising the moral, moral and intellectual development of the young generation to a new level in terms of quality, education in order to introduce innovative forms and methods of education into the process, as well as PF-5538 of the President of the Republic of Uzbekistan dated September 5, 2018 "On additional measures to improve the public education management system" According to Decree:

1. The following:

a) The concept of the development of the public education system of the Republic of Uzbekistan until 2030 (hereinafter - the Concept) should be approved in accordance with Appendix 1 and the following should be provided for in it:

By 2030, the Republic of Uzbekistan will be among the first 30 advanced countries in the world according to the PISA (The Program for International Student Assessment) rating of the international program for evaluating the achievements of students in the field of education;

updating the content of the continuing education system in terms of quality, as well as training, retraining and upgrading professional personnel;

improvement of the teaching methodology, step-by-step implementation of the principles of individualization in the educational process;

introduction of modern information and communication technologies and innovative projects in the field of public education;

strengthening the material and technical base of public education institutions and increasing the effectiveness of providing funds from the budget;

- PIRLS (Progress in International Reading and Literacy Study) - assessment of reading and comprehension level of primary 4th grade students;

- TIMSS (Trends in International Mathematics and Science Study) - assessment of the level of literacy of 4th and 8th grade students in mathematics and natural sciences;

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

The PISA international research program was developed in 1997. The main goal of the program is to improve the efficiency of the education system worldwide, to improve the literacy of 15-year-old students in these areas (reading, mathematics, natural sciences), their creative and critical thinking, and to apply the acquired knowledge in life. It consists of assessing acquisition skills and then encouraging them to develop these skills. Initially, the program was held in cooperation with the Australian Pedagogical Research Council, the National Pedagogical Institute of the Netherlands, Vestat and Pedagogical Testing Services of the United States, and the National Institute of Educational Research of Japan. The idea of regular implementation of the program in the educational system was put forward by the initiative of employers. In 2018, 35 member countries of the

Organization for Economic Cooperation and Development (OECD), 43 non-member countries, a total of 78 countries and cities participated in the PISA program. The number of participating students from each country is selected by election in the amount of 2% of the total number of 15-year-old students in the country. Thus, 10,000 of 4,500 students from each country participated. Russia, Latvia, Lithuania, Estonia, Kyrgyzstan, Kazakhstan participated in this international research program. The best performance among these countries belongs to students from Estonia, although the youth of this country first scored 516 points in 2006 and took 11th place, in 2015 this performance is ranked 20th with 534 points. In the research program, students from Singapore, Japan and Chinese Taipei ranked first, second and fourth in the world in the 2015 research. The PISA international assessment program tests are organized once a year, and students' knowledge is evaluated in three main directions in a 1000-point system. In the process of monitoring, special attention is paid to one of the three main directions. For example, in 2000, the main focus of research was on reading literacy, in 2003 on mathematical literacy, and in 2006 on natural science literacy. Taking into account that this situation will be repeated periodically, it is clear that mathematics will be chosen as the main subject in 2021. The test questions used in the research are prepared by a group of international consultants-consultants in agreement with the experts of the member countries of the program. It should be noted that an annual increase of 50 points in the assessment of students' knowledge based on PISA ensures a one percent increase in the annual gross work product, it is observed in international experiments. There is no doubt that this program will serve to further increase the intellectual potential of the youth of our country.

Participation in international studies of the assessment of the quality of education provides Uzbekistan with important scientific and methodical innovations in the reform of the national education system, the improvement of the educational content, the training of teaching staff and their professional development programs, and the creation of a new generation of textbooks by experts. The results of the research allow drawing conclusions about the quality of education of the country, its place on the international level based on the criteria of international standards. Also, international studies have an effective influence on the conduct of national studies of the state and the creation of a national evaluation system. By participating in international research gathering the leading experts in the field of education in our country, the culture of conducting monitoring research will develop among our local experts, and this will lead to the adaptation of the assessment of the quality of education to international standards. It also makes a positive contribution to the redevelopment of the textbooks used in the educational process based on the requirements of the time. Taking this into account, conducting and preparing the above research programs in our country creates a number of problems and tasks. In this case, the main problems faced by the employees of the education system are as follows:

1. Defects in students' knowledge level. This year, according to the results of monitoring conducted in 1035 schools of our country, the average mastery level of students was 70%,

and the quality indicator was only 44.8%. It was found that this performance is even lower in the field of mathematics.

2. Lack of problems and examples similar to PISA tasks in existing textbooks used in educational institutions in our country. And PISA tasks are usually described using long texts, and there are no instructions on which branch of mathematics to turn to in order to choose the method of solving real situations and problems. PISA tasks are offered in a variety of formats (text, pictures, charts and tables, realistic connection graphs). It is necessary to translate the PISA tasks into mathematical language and, after finding a solution, evaluate and interpret it in relation to real conditions. The problems given in our mathematics textbooks are given standard and they are solved using standard methods.

References:

1. Mirziyoyev Sh. Decree "On the strategy of actions for the further development of the Republic of Uzbekistan". T. February 7, 2016
2. Concept of development of public education system of the Republic of Uzbekistan until 2030. T. April 29, 2019
3. A.A. Ismailov and others. Newsletters designed to prepare students for international studies (a newsletter intended for teachers of mathematics, natural sciences, native language and literature, methodologists and specialists in these fields). National Center for the Implementation of International Research on the Evaluation of the Quality of Education under the Inspectorate of Education. -Tashkent, 2020
4. A.B. Radjiev et al. International Research Program on Student Literacy Assessment. Manual. Tashkent, National Center for Implementation of International Research on Educational Quality Assessment -2019
5. Mullis, I. W. S., & Martin, M. O. (Eds.). (2017). TIMSS 2019 Assessment Frameworks. Retrieved from Boston College, TIMSS & PIRLS International Study Center
4. Resolution No. 997 of the Cabinet of Ministers of the Republic of Uzbekistan dated December 8, 2018 "On measures to organize international studies in the field of education quality assessment in the public education system"
5. "On approval of the concept of development of the public education system of the Republic of Uzbekistan until 2030". Decree of the President of the Republic of Uzbekistan dated April 29, 2019 No. PF-5712.