



**PIRLS RESEARCH PROCEDURE AND STANDARDIZATION
AND RESEARCH TOOLS**

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ABSTRACT

The article describes the requirements, advantages of the international assessment program PIRLS, its procedure and research tools.

KEYWORDS

PIRLS research, IEA, reading order, standardization, research tools, etc.

Introduction

(Matthew 24:14; 28:19, 20) In today's world, when our country is rapidly developing on the road to global development, it is important to support the artistic ideas and thinking of young people in every way, to develop their knowledge, skills and skills, and to improve the evaluation system based on advanced x-level experiences, international norms and requirements. President Shavkat Mirziyoyev's comments on raising young people prove how important it is to prepare for foreign research: "The next day, the well-being of our planet is related to what kind of person our children will be perfected, and our main task is to create the necessary conditions for young people to demonstrate their well-being."¹

It is well-known that PIRLS (Progress in International Reading and Literacy Study) is an international evaluation program that evaluates the level of text reading and understanding of 4th graders. This program was introduced in 2001 and was established for the fifth time in 2021. This type of international evaluation is aimed at verifying that students can read, correctly interpret, and draw conclusions about the text.

The object of the study is the academic achievements of elementary school 4th graders because in the fourth academic year, all knowledge and skills in teaching are accumulated. Students should be well absorbed in reading at this age so they can use a wide variety of texts to continue their high school studies successfully.

PIRLS will be held according to the IEA's plan. Countries with large territories are divided into layers according to administrative division. To select layers, information about the number of students in

¹ Uzbekistan Republic Presidents Sha'drach, Me'sha Mirziyoyevning BMT Head Assambleyasining 72-sessiyasida so'zlagan nutqidani

each region will be collected. In all countries, the choice of schools is made by a possible method, taking into account the number of pupils.

The stages of sorting participants in the study are as follows:

In the first phase, the national coordinators of participating countries will send lists of all schools (cities, villages,) in the state to the International Coordination Center. About 150 schools are then selected from each country through a special program using the "random number method."

In the second phase, schools selected by international experts to participate in the study will submit lists of fourth-graders to the National Coordinating Center in full accordance with class data. The list of students will be entered into the database and sent to the International Coordination Center.

Research Procedure and Standardization

The study of the PIRLS program is strictly in accordance with the guidelines and regulations developed by a single center to standardize reading technology in all countries participating in the study.

Each stage of the program: sampling, translation and adaptation, testing, data verification and processing are overseen by international experts. For example, translations of test assignments and respondents' questionnaires were sent to international experts for further investigation. In each region, the National Coordinator coordinates with the Regional Coordinating Center responsible for organizing and conducting research with the Regional Education Department. Accordingly, every school selected for the program will have a school coordinator assigned. The person who conducts the test is selected from among the experienced teachers who do not teach in the tested class and at school. International observers will be divided into selected schools during the testing process. They are appointed from among the country's independent specialists in education, who are participating by the International Association for the Evaluation of Academic Performance (XEA). The appointed observer in Uzbekistan is required to be able to speak Uzbek, Russian and English.

In accordance with special requirements, the International Observer selects a certain number of schools to personally participate in. This ensures the objectivity of the results of the study.

Reading Order

- Each school, class, parallel, student has its own international identification code (student ID), personal version number, and participation status.
- To ensure the reliability of the material received 1 hour before the start of the test, the school coordinator will unveil a closed material set and hand it over to the person conducting the test.
- All questions raised during testing, reasons for technology exclusion and research methods are noted in a special protocol.
- Upon completion of the work, the person conducting the study must return the answers of the study participants and the surveys of the respondents to the school coordinator.
- Additional tests will be conducted if less than 90% of students have participated in the main test for objective reasons.

Research Tools

International PIRLS research tools include:

- A notebook with texts and questions written.

- O‘quvchi anketasi.
- O‘qituvchining ma'lumotlari.
- Form of parents.
- Form of school administration.
- National Watchers' Manual.
- Regional coordinating manual.
- Manual for the school coordinator.
- Learning manual.
- Manual for evaluating the work and encoding answers.

Each participant in the study will be given a notebook with texts and assignments. The first text is fiction or funny stories, an image or fairy tale, and the second is informational text. 12-15 questions will be added to each text. Employers are given 80 minutes to complete all the work.

The PIRLS program is directed as a COMPLEMENT of the TIMSS program that evaluates the IEA organization's literacy of grade 4 students from math and natural sciences, and is administered in close cooperation with the IEA organization's offices in Hamburg and Amsterdam, the TIMSS and PIRLS International Learning Center at Boston College. Since 2016, the ePIRLS system has been introduced, designed to assess students' online reading literacy.

The number of countries participating in the PIRLS program is growing year after year. For example, 35 countries participated in the program in 2001, with 40 in 2006, 45 in 2011, 50 in 2016 and 60 in the next 2021 study.

For more information, please contact the Treasurer's Office by writing to the address noted above or by telephoning (718) 560 - 7500. For the first time in 2021, our Y Urt participated in international studies of PISA, PIRLS. To assist individuals desiring to benefit the worldwide work of Jehovah's Witnesses through some form of charitable giving, a brochure entitled Charitable Planning to Benefit Kingdom Service Worldwide has been prepared. The main organization for preparing and conducting PIRLS research in the country is the National Center for International Studies on the Quality of Education. For example, on January 25, 2019, Uzbekistan announced its participation in this international evaluation system and was the first to participate in the PIRLS-2021 evaluation system in Uzbekistan between Ulugbek Tashkenbayev, head of the State Inspectorate for Education Monitoring before the Committee of Ministers, and Andrea Netton, director of the International Association for the Evaluation of Educational Achievements (IEA — International Association for the Evaluation of Achievement) in Amsterdam an official meeting was organized. It welcomed the initiative to participate in the PIRLS program for 2021 with great applause from the IEA organization and emphasized that all necessary assistance and recommendations will be provided by the organization. The meeting also discussed organizational issues related to participation in PIRLS-2021 research, namely, the terms of participation, the stages of research, guidelines for the effective organization of research, and many other tasks.

Additionally, seminars, meetings, and events related to participation in the international evaluation system were organized in almost all regions of our country. International webinars have been conducted; guidance, recommendations have been studied, and the use of the experiences of advanced countries is now being provided as much as possible.

"If you want to improve reading literacy, you need to pay attention to low and high-achieving students. In this context, it is not necessary to be limited to a low-achieving student. A good educational

environment is needed for children to learn well. Parents should also take children seriously. Children learn how to get the knowledge and upbringing they can't get in the family at school. Therefore, parents and schools should not diminish their attention in teaching children the same way."²

In a nutshell, the main purpose of participating in the PIRLS study is to elevate the republic's global rating and exchange experiences with countries with advanced pedagogical experience. (Matthew 24:14; 28:19, 20) At the bottom of each reform is the production of mature personnel that can contribute to the development of society.

ADABIYOTLAR RO'YXATI:

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²<https://uza.uz/oz/posts/xalqaro-tadqiqotlarda-ishtirok-etish-inson-kapitalini-rivojl-24-08-2020>