

POSSIBILITIES OF IMPROVING THE METHODOLOGY OF PREPARING PRIMARY CLASS STUDENTS FOR THE INTERNATIONAL ASSESSMENT PROGRAM BASED ON DIGITAL TECHNOLOGIES (EXAMPLE OF PIRLS)

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Abstract. *The article describes the PIRLS international assessment program, the specific features of preparing primary school students for the PIRLS international assessment program, and the possibilities of using digital tools in this process. The purpose, function, and effectiveness of the "PIRLS UZBEKISTAN" mobile application are explained.*

Keywords: *international assessment program, PIRLS, ePIRLS, TIMSS, PISA, TALIS, reading literacy, comprehension levels, assessment system, digital technology, mobile application, international study.*

Introduction. It is clear to all of us that the traditional way of educating young people is ineffective in today's age of advanced information technologies. Among all areas, the reforms carried out in the educational process serve to increase the quality and efficiency of education. In this regard, the introduction of digital technologies into the educational process paves the way for achievements in the field of education. According to the decree of the President of the Republic of Uzbekistan "ON APPROVAL OF THE STRATEGY "DIGITAL UZBEKISTAN-2030" AND MEASURES FOR ITS EFFECTIVE IMPLEMENTATION" No. PF-6079 public administration, education, health a number of tasks for wide introduction of modern information and communication technologies in conservation and agriculture have been defined [1]. In order to fulfill these tasks, a number of positive works are being carried out in the fields.

In order to determine the level of educational efficiency of our country, the level of knowledge of students, the breadth of worldview, logical and critical thinking skills, as well as the levels of reading and understanding the text, whether the environment created for education at school and family is positive or negative. Participates in international assessment programs such as PISA, PIRLS, TIMSS. These international evaluation programs conducted by the International Association for the Evaluation of Educational Achievements (IEA) determine the place of our country among the

countries participating in these programs. In 2021, Uzbekistan participated in the PIRLS international assessment program for the first time. Tasks related to participation in international assessment programs Decree of the President of the Republic of Uzbekistan dated April 29, 2019 "On approval of the concept of development of the public education system of the Republic of Uzbekistan until 2030" No. PF-5712 and Uzbekistan 997 of the Cabinet of Ministers of the Republic of December 8, 2018 "On measures to organize international research in the field of education quality assessment in the public education system" [2,3].

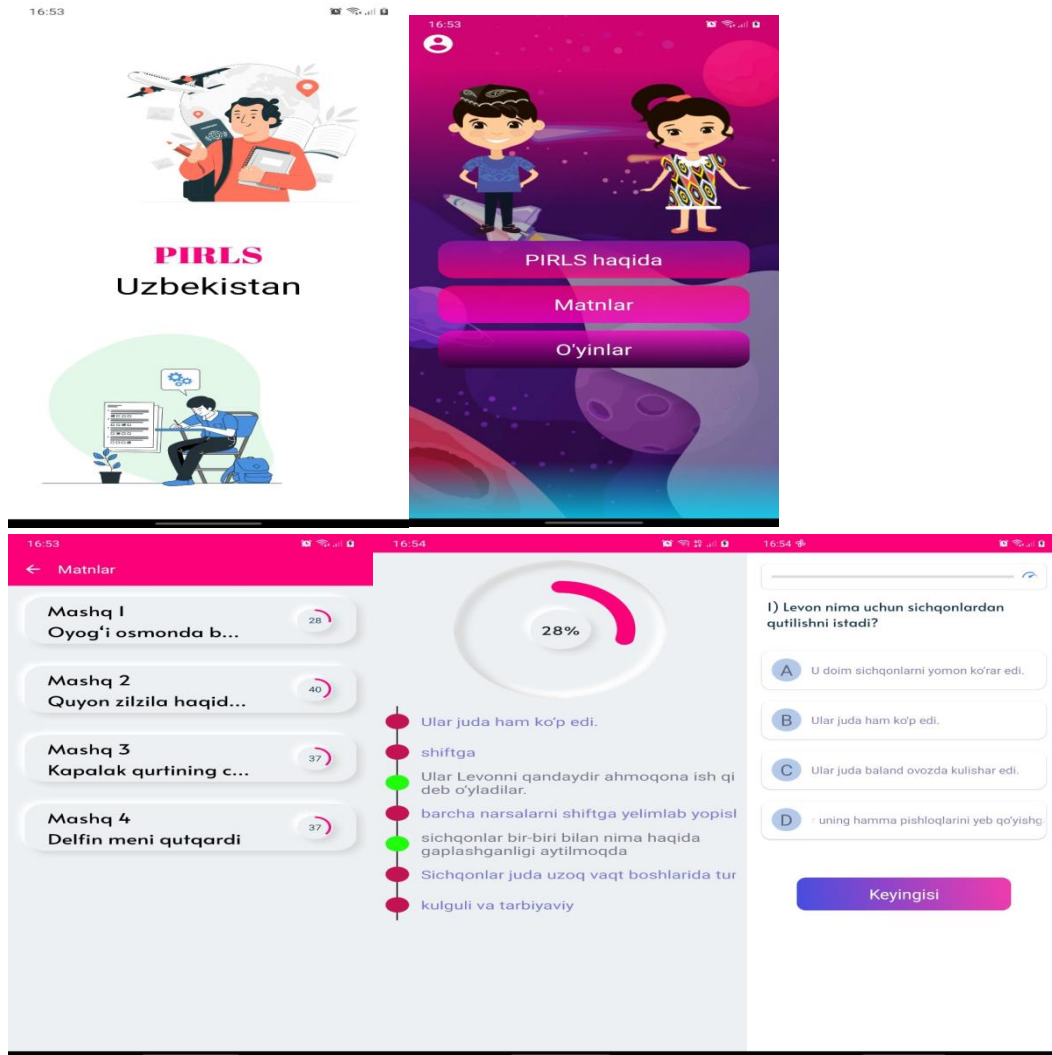
Research object and used methods

PIRLS (Progress in International Reading Literacy Study) is an international assessment system that assesses the quality of reading and comprehension levels of primary school students in different countries. This type of test is designed to be conducted once every 5 years. In order to successfully complete the PIRLS program research, the student is required to respond to assignments with independent, creative thinking [4].

In 2016, the ePIRLS study was also introduced as an alternative test. The ePIRLS study focuses on the increasingly important issue of online reading literacy. It is known that the Internet is the main tool for students to get information and conduct training in school subjects. ePIRLS research includes exciting innovative opportunities to bring elementary school students closer to school-based subjects, including topics related to the natural and social domains[6].

Research on international assessment programs was conducted by J.R. from foreign scientists. Campbell, D.L. Kelly, I.V.S. Mullis, M. O. Martin, M. Sainsbury, A. M. Kennedy, P. Foy, A. Arora, H. Wendt, A. Walzebug, W. Bos, D. S. Smith, A. Bremerich-Vos, S. Goh, C. Prendergast, T .Loveless, L.Yin, A.Taboada, S.M.Tonks, A.Wigfield, J.T.Guthrie, J.Coiro, C.Kennedy and others in the researches of G.S.Kovalevoy, L.A.Ryabininoy, T.Yu.Chabans in the CIS countries, A.Ismailov in our Republic, Conducted by Q. Karimberdiev, Z. Islamovalar [3]. Methods of classification, description, comparison, complex and functional analysis were used to clarify the research topic.

As a result of our research, we created the mobile application "PIRLS UZBEKISTAN".



The obtained results and their analysis

In the process of preparing for the PIRLS-2021 international study, 8 exercise books and 24 texts collected in them were used. Using these notebooks is interesting and effective for students, but also causes a number of inconveniences. In particular, problems such as reprinting of texts, limited cooperation with parents in this regard were highlighted.

Through the "PIRLS UZBEKISTAN" mobile application created by us, which serves to prepare primary school students for PIRLS and ePIRLS international assessment programs using interesting interfaces through digital technologies, in republican educational institutions, including higher and secondary special education provides a convenient opportunity for the use of graduates of elementary education institutions, teachers and students of public education institutions, researchers. The mobile application, which includes information about PIRLS research, exercise texts, serves as an important tool for effective preparation of primary school students for international research.

The purpose of the mobile application is to provide an innovative approach to preparing primary school students for PIRLS and ePIRLS international assessment programs using digital technologies.

Functions of the mobile application:

- to inform students about the PIRLS international assessment program;
- To increase students' interest in working with exercise books recommended in preparation for the PIRLS international assessment program;
- making it possible to work with exercise books at any time;
- reduce paperwork (it will not be necessary to print separate exercise books for each student);
- to create an opportunity to work on each text repeatedly;
- increasing confidence in the fairness and transparency of results;
- formation of students' creative thinking skills through games.

Expected result from mobile application:

1. Primary school students will develop an understanding of the PIRLS international assessment program and the ability to work with the texts in the PIRLS workbooks.

2. In preparation for PIRLS international assessment program, an interesting mechanism of working with exercise books using digital technologies is put into practice.

3. It is possible to work with PIRLS exercise books at any time.

4. Reduction of paperwork, effective use of digital technologies will be created.

5. You will be able to work on each text again and again.

6. Parents are also involved in the process of preparing primary school students for the PIRLS international assessment program.

7. Parents and students will have confidence in the fairness and transparency of the results.

8. The teacher's time is saved.

Conclusion. The successful participation of students in the PIRLS international assessment program shows the place of our country among

the participating countries, and requires that each of us take a responsible approach to this process. The use of "PIRLS UZBEKISTAN" mobile application serves as an important tool for effective preparation of students for PIRLS and ePIRLS international studies.

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