

ASSESSMENT OF STUDENTS' NATURAL LITERACY ON THE BASIS OF INTERNATIONAL PROGRAMS AND DEVELOPMENT

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PISA is an international program to assess student achievement. PIRLS is an international study that measures the level of reading and comprehension of a text. TIMSS is an international monitoring that studies the quality of mathematics and the exact sciences in school. ICILS is an international study on computer and information literacy. There are a number of international programs, such as, which are widely used as a criterion for further improving the quality of education in developed countries. PISA is an international program for assessing student achievement. PISA (Program for International Student Assessment) is a program that assesses the literacy (reading, math, science) and ability to apply knowledge in 15-year-old students in different countries. For the first time, 4th grade students from about 70 countries will take part in the PIRLS international assessment program in 2021. The surveys were conducted in 2001, 2006, 2011, 2016, and 2021 is the fifth periodicity of the survey. The PIRLS program, held every five years, assesses the reading comprehension skills of 4th graders at an international level. The program is aimed at completing the TIMSS program, which assesses the level of knowledge of 4th grade students in mathematics and science, and is managed in close cooperation with the TIMSS and PIRLS International Center at Boston College and IEA offices in Hamburg and Amsterdam. Assessment of student achievement is done by conducting objective tests not from all students, but from students selected as representatives of this layer. Surveys of school principals, teachers, students, and even parents are conducted to gather valuable information on factors that affect the quality of education. According to the Resolution of the Cabinet of Ministers of the Republic of Uzbekistan "On measures to organize international research in the field of education quality assessment in the public education system", the introduction of PIRLS, TIMSS, PISA and TALIS in Uzbekistan is planned. The National Center for International Research on Education Quality Assessment has been established under the Inspectorate. These international evaluation programs and their research are organized by the Organization for Economic Co-operation and Development (OECD) and the International Association for the Evaluation of Educational Achievement (IEA) in cooperation with countries around the world on a regular basis. International research is an international program to assess student literacy, in which Uzbekistan is participating for the first time. At the same time, it is important to what extent students are able to apply their knowledge in real life situations. Over the past 20 years, this international research has become a key criterion for measuring the effectiveness and quality of education in different countries and a program that has led to education reform. According to the agreement signed between the State Inspectorate for Education Quality Control and the OECD and IEA, Uzbekistan has started participating in the International Student Assessment PISA-2022 (formerly PISA-2021) and the International Student Literacy Assessment Program PIRLS-2021. Now, participation in the international program TIMSS-2023 has begun. In this regard, in accordance with the IEA's "Official Invitation to Participate in International Mathematical and Scientific Research (TIMSS) 2023 Trends", the IEA leadership based its initial dialogue on Uzbekistan's participation in the TIMSS program for the first time. consent was obtained. The PIRLS international study provides an international comparison of data on the level of development of reading comprehension skills of primary school students, which can serve as a public policy in the field of education in improving reading and teaching. is a major international evaluation program that provides analytics. At present, according to the PIRLS definition, reading literacy is the ability to understand and use written language forms that are required and appreciated by society, as well as the ability to generate meaning in different forms from texts. The focus of the research is on demonstrating the ability to apply learned information in new projects and situations, rather than demonstrating understanding. The reader is an active participant in the process, creating meaning, observing over the text, and consciously selecting and applying effective reading strategies. Each type of text helps the reader to interpret the text by following the usual form and rules. Any text can have a different shape. These include traditional books, magazines, documents, and newspapers, as well as digitally written forms. PIRLS focuses on two broad goals in assessing

in-class and out-of-class learning of primary school students: ‘gaining artistic experience’ and ‘obtaining and using information’. In turn, each of these goals combines four broad understanding processes.

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