

The Role of International EGRA and EGMA Research in Increasing Educational Efficiency

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Abstract: This article discusses the EGRA and EGMA international assessment survey conducted by the Ministry of Public Education of the Republic of Uzbekistan and the United States Agency for International Development (USAID) and its significance.

Keywords: EGMA, EGRA, assessor, elementary, oral test, reading, mathematics, literature

INTRODUCTION

One of the most pressing issues of today is the implementation of new modern pedagogical technologies in the education system. The foundation of continuing education is pre-school and primary education. One of the new innovative technologies implemented to ensure the intellectual potential, knowledge and quality of teaching of primary school students is the assessment in the primary grades through international research EGRA (reading) and EGMA (mathematics).

REFERENCES AND METHODOLOGY

As you know, reading and counting are very important for elementary school students. Designed for grades 1-4 of general secondary education, this assessment system is mainly in the field of reading and mathematics. Students' knowledge is assessed based on the knowledge gained in the textbooks. This rating system is used in more than 70 countries around the world. Today, the development of literacy and numeracy skills is one of the main goals of primary education. Below we review the practical basis of the above international evaluation study. To do this, we need to know the differences between EGMA and EGRA and their evaluators.

EGRA is an individually administered verbal assessment aimed at assessing children's literacy skills in the primary grades. It has been adapted by DepEd in accordance with international standards and guidelines.

The EGMA is an individual oral test designed to measure skills in elementary math and elementary grades. It has been adapted by DepEd in accordance with international standards and guidelines. [1]

The Assessor (assessor, supervisor) is a DepEd staff (teacher, school leader or supervisor) trained to administer EGRA or EGMA while adhering to standard procedures for testing management. [2]

In February 2019, a discussion was held on the implementation of this international assessment study in cooperation with the Ministry of public education of Uzbekistan and representatives of the US Agency for International Development (USAID). These studies will help to improve the assimilation of Primary School students and identify the shortcomings in the educational process.[3]

RESULTS

2,8 thousand pupils of the secondary school took part in this international assessment system. EGRA and EGMA studies are planned to be conducted in 7 languages and in English in 12 regions of our country. From these programs, the EGRA program includes several large and small assignments.[4,5] for example, the ability to read on the basis of a text, consisting of about 60 words, is determined by the oral fluency reading instruction. Bunch precision and speed are important. Time is set to 60 seconds. If none of the words on the first line (that is, about 10 words) is not correctly read, it will stop.

DISCUSSION

Another of the assignments in the EGRA international program, is listening comprehension. In this assignment, the text corresponding to the class to the reader is read verbally, and on the basis of the text given in this reading, the reader listens and responds verbally to the test questions through the concept adopted. Below are presented text and test questions, consisting of 80-90 words, designed for students of the 4th grade.

FRIENDSHIP

One day, Olmahan jumped from tree to tree and fell into a swamp. No matter how hard he tried, he couldn't get out of the swamp. Poor Olmahan was crying and crying for help. When Kakku saw the bird lying in the swamp, he stared at it, not knowing how to help. At this moment, hearing the noise, a stork came up. He broke a branch from a tree with his beak and handed it to his Olmahan. Olmahan pulled him out of the swamp with a stick. Then the stork looked at the cuckoo sitting on the branch of the tree:

"When it's hard for a friend, you have to do something to help." You can look at the swamp and then grieve it," he said.

TEXT TESTS

1. What quality is this story about?

- a) patriotism
- b) kindness
- c) friendship
- 2. Where did these events in the story take place?
 - a) the woods
 - b) the cage
 - c) a tree
- 3. In this story, who saved the almahon?
 - a) kakku
 - b) stork
 - c) no one
- 4. What is the name of the birds you met in the fairy tale?
 - a) almahon
 - b) stork
 - c) kakku
- 5. Who befriended the almahon in the fairy tale?
 - a) stork
 - b) kakku

CONCLUSION

Each evaluation system has its own unique character. We can achieve much success by applying this international study to the education system. This system of assessment directly serves to improve the assimilation of Primary School students, as well as to identify and eliminate gaps that have arisen during the school year. It provides a great qualification and skills for both the pupil and the teacher. Currently, Research is being carried out on the wide introduction of this evaluation system. It is recommended that this International Assessment Program is used in EGRA, that is, the assessment of reading science, both in the fifth and sixth grade literature lessons. Because, even 5-6-th graders directly move up one step from the initial step, and with the age of the fourth grader practically does not differ much in age. If, as a continuation of the science of reading, this assessment program is used from the lessons of literature, the student will not only have a deeper knowledge of the process of acquiring knowledge, the life and creativity of writers-poets, but also his speech activity will develop. The reader learns to think independently, as well as solve oral test tasks based on the knowledge he / she has read. Also, the level of memorization on the pupil increases, the memory becomes . On the basis of the acquired knowledge, the ability to verbally express one's thoughts is formed.

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