

## UZBEKISTAN IN THE READING LITERACY AREA AND PROSPECTS FOR IMPROVING STUDENTS' RESULTS IN THE COMING YEARS

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### Abstract

International the students assessment program (PISA) throughout world along students education efficiency, including their to read literacy according to competencies about valuable concepts presented Uzbekistan in the latest PISA rounds participation to be able country education in the system strong and important sectors showed. This research Uzbek of students to read literacy the results learns, their to the activity impact provider main factors determines and them to global standards compares. Read programs coordination, teachers preparedness, socio-economic effects and language obstacles such as context factors analysis doing research current of the results main the reasons every one-sided understanding opportunity The article also discusses the reading literacy to increase aimed at strategic measures, teachers preparation programs, training programs reform to do is studied.

**Keywords:** PISA, OECD, education system, students, reading literacy, mathematics, knowledge, skills, practice.

### Login

Economic cooperation and progress Organization (OECD) 15- year-old students skills and knowledge from the test transfer through whole world along education systems evaluative three in one times international request conducted. Students international students known as the Program for International Student Assessment (PISA) whole world along modern in societies complete participation to grow for necessary was main knowledge and to skills has to be Three in one times to be held PISA assessment students reading literacy, mathematics literacy and science literacy such as main sciences according to cognitive from skills use ability These students mainly in grades 7-12, compulsory education to the end close is a test that can be taken. Governments education systems monitoring the results obligation PISA assessment, which school in priorities there is changes reflection provider knowledge, skill and relationships to measure wide The OECD 's own PISA test via 15 year old students academic indicators compares and this evaluation school systems quality, fairness and efficiency assessment for in the world main criterion as describes.

Uzbekistan's participation in the 2022 International students assessment participation in the PISA program to be able education system world standards with

comparison on the way important step was. Results problems open to give with together, education in the field future reforms about information to give for valuable also gave ideas.

By PISA evaluable main from directions one this reading literacy, academic success and lifelong education for necessary was main skill. Uzbekistan this in the field indicators, 2022 PISA results as mentioned, mixed the picture presented The country students main to read understanding according to some strong sides shown Although they are, the texts analysis to do, information assessment and conclusion release such as more complicated tasks in execution to difficulties face they agreed.

Next in years this problems solution to do and students the results improve for many edged approach necessary. This article Uzbekistan PISA 2022 study literacy evaluation to oneself typical conclusions seeing comes out, determined strong and weak sides analysis Then he will speak Uzbek. of students reading skills increase according to potential strategies, including learning programs reform to do, teachers qualification increase and to education technology integration learns.

Uzbekistan indicators contribution adding factors study and high to the results achieved of countries advanced experiences see exit through this article politicians, teachers and other interested to the sides to read according to education quality increase and ultimately In Uzbekistan students achievements improve according to valuable recommendations to give focused.

Uzbekistan in 2025 second there is students international assessment participation in the PISA program Help again World bank by presented will be announced did World bank press service.

Uzbekistan Economic cooperation and progress by the Organization for Economic Cooperation and Development (OECD) organization The PISA study was first included in 2022. The test consists of more than 80 from the state 15 year old who arrived of the students mathematics, reading and natural sciences according to knowledge and skills evaluates. Uzbekistan Preschool and school education Ministry of Education (MPSE) has more than 7,200 students from 200 schools in Uzbekistan student in the PISA-2022 test participation to reach helped. In the country assessment results will be low despite, experience school in the system problems to determine help gave, this and education quality and students achievements to improve aimed at to efforts motivation it's done, message gives World bank<sup>1</sup>

### **Literature review**

International the students assessment program (PISA) is ongoing accordingly world education trends, especially reading literacy according to valuable thoughts presented arrived comes. Many research strong, weak sides and improve for potential

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<sup>1</sup><https://www.gazeta.uz/en/2024/04/30/pisa/#:~:text=Uzbekistan%20will%20partake%20in%20PISA,manager%20for%20Uzbekistan%20Marco%20Mantovanelli.&In%202025%2C%20Uzbekistan%20will%20take,the%20WB%20press%20service%20reported.>

directions determination PISA results for analysis did.

#### *Reading literacy international trends*

OECD (2022) 15- year-olds children in the middle reading literacy indicators global trend of decline about message gave. This decrease various factors, including the COVID-19 pandemic impact, socio-economic difference and education policy with related. Early literacy abilities future academic of success strong fortune teller as determined (OECD, 2018). Strong early childhood education to programs has was countries in PISA assessments from others superior will be.

#### *Reading literacy impact provider factors*

Reading Individual differences in ability are influenced by both genetic and environmental factors. factors impact does ( Harlaar) and et al., 2020). Genetics important role Even though he plays, his parents participation, education quality and reading from materials use such as environment factors one kind at the level important. Effective winter instruction phonics, fluency, vocabulary wealth and understanding strategies to unite (Shanahan & Fisher, 2015). Clearly instruction and controllable practice this skills develop for very important.

#### *Reading literacy increase strategies*

The teacher 's quality students of success strong is a predictor ( Hattie, 2009). The professional to develop investment input, collaboration to study develop and to the evidence based teaching practice promote to do students the results noticeable at the level improve possible. Personal student to the needs customized education own inside received personalized education high effective education systems by applicable main strategy (OECD, 2019). This includes technology, differentiated education and flexible study environment through achieve possible. National winter panel (2000) strong decoding and the word recognizing to take abilities develop for systematic and clear phonetic instructions importance emphasizes.

#### *Technology winter literacy impact*

Digital technologies to read to improve help gives, but from them effective use and digital literacy skills to teach very important (Lenhart and et al., 2015). Digital of texts wide spread winter of your behavior to change take it came, this from students complicated digital texts management and understanding skills requires development ( Kirsch and et al., 2014).

#### *Future research for impact*

Interventions far term the impact deeper understanding for time passing with students development observation for longitudinal research need. Quality research students, teachers and parents' experiences and prospects about valuable concepts to give possible. Comparative research progressive experiments to determine and political decisions acceptance to do help gives.

This research the results into account received without, politicians, teachers and

researchers reading literacy increase and expose students to 21st century problems preparation for to the evidence based strategies working on the way out cooperation they do possible.

### Methodology

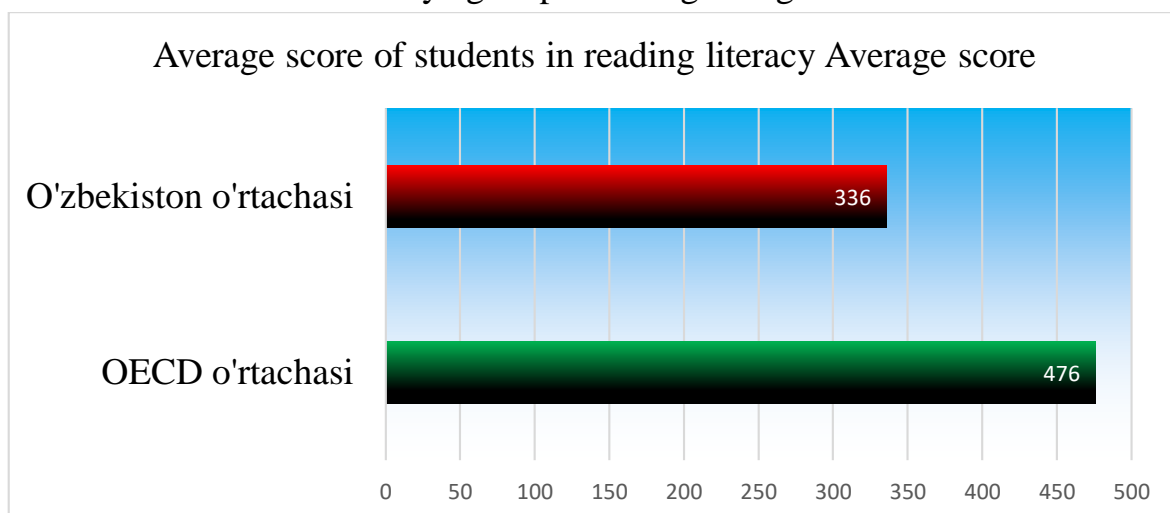
This the article to write in the process the results analysis to do for secondary analysis from the method and synthesis from the method was used. In this table and graphs The international organization OECD official on the page from the results taken and analysis This was done. analysis Economic Collaboration and Progress International Official website of the Organization for Economic Cooperation and Development (OECD) from the page taken Uzbekistan's OECD average indicators relatively indicators reflection provider table and to graphs attention focused.

This analysis for following information choice criteria is used. Information types : quantitative data (PISA scores ) and good quality concepts (PISA reports) commentator ( see text ) It was released.

### Results

PISA 2022 assessment Uzbekistan reading literacy according to indicators about complete information gives. Results this It turns out that Uzbek students known in the fields to success achieved although, improvement for big opportunities there is.

Below and the OECD organization by of the PISA test conducted reading literacy according to achieved results with is introduced. In this in the charts data OECD official from the site taken and authors by again processing was given.

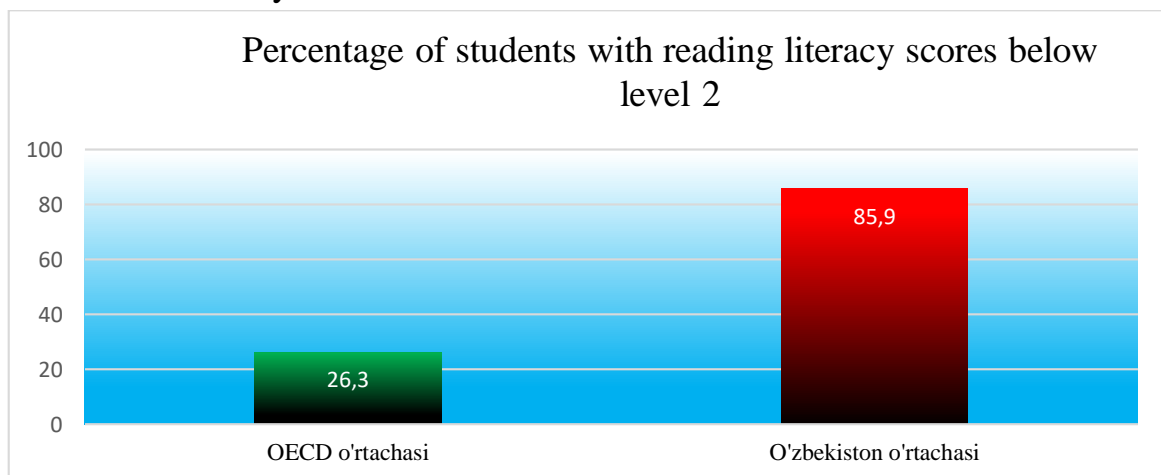


**Figure 1. Students reading in literacy average fish**

Above from the picture see maybe In Uzbekistan students reading in literacy average indicators illuminates. This information international to standards based assessment systems using measured in the country reading according to general literacy level how much high that to determine help gives. From the graph apparently It is clear that the students average ball international to the criteria relatively closer.

Studies this shows that the village and city regions, as well as education

investment introduction level differences reading literacy impact doer important factors is considered. With this together, available in the system students qualification and of resources shortages also indicate reduce possible. Conclusion as in other words, in the country winter literacy improve for to education innovative approaches current to study, to learn programs improvement and educators support according to measures done increase necessary.



**Figure 2. Students reading literacy results below level 2 in share ( in percent )**

Picture 2 in Uzbekistan students reading literacy level in evaluation important indicator presented It will. Then of the students international to standards results below level 2 are appropriate share percent in appearance reflection delivered. Information this shows that the students noticeable part this to the level this is not enough and education as problems own inside takes.

Indicators low students the text understand it analysis to do and conclusion release in their abilities to difficulties face coming This means that in schools education process resources with enough at the level lack of provision, students qualification level and methodological approaches shortage reason to be possible.

This situation education system improvement and winter according to main skills to develop aimed at programs reinforcement the necessity shows. With this together, village and city schools between inequalities reduce important importance has.

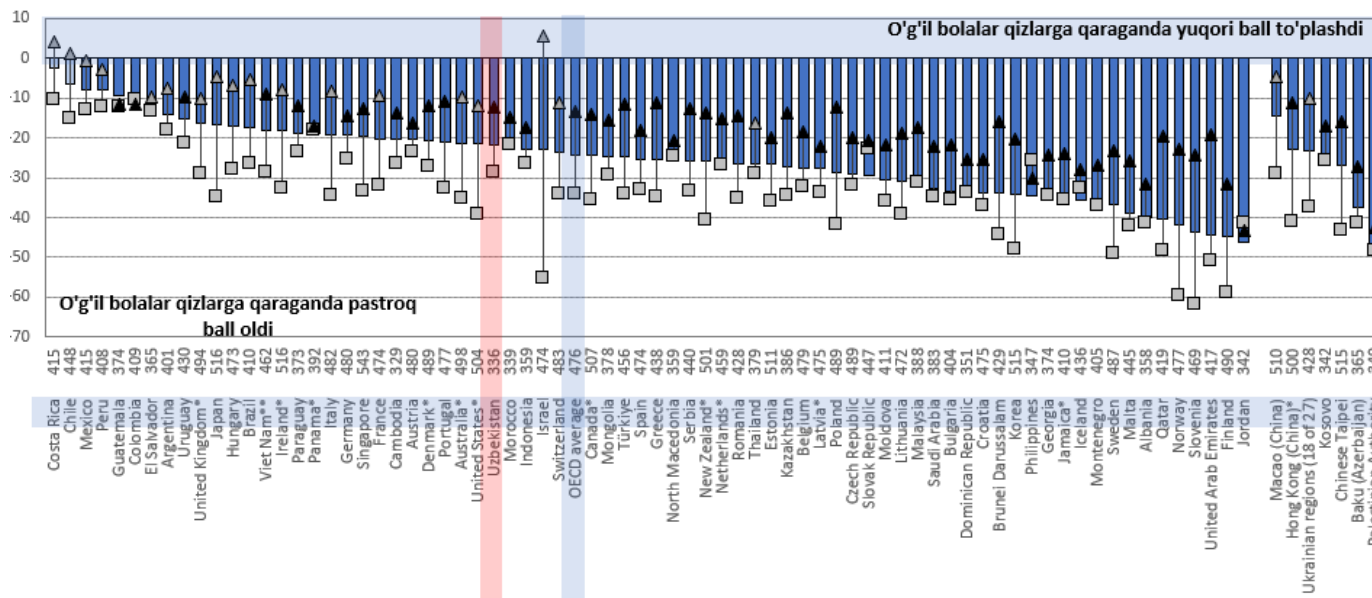
In Figure 3 below, Uzbekistan and other in countries reading gender differences in efficiency illuminates. Graphic results shows that in Uzbekistan girls reading literacy according to from the guys high the results record This trend is many other It is also observed in other countries. Example for, developed in the countries girls winter according to indicators stable high is a gender difference relatively smaller. However some developing in countries this difference noticeable at the level wide

Gender gap in Uzbekistan international average to indicators suitable comes, but some to countries relatively higher. For example, North Europe in countries of the students modern approaches and training resources wealth due to gender difference almost no at the level of. South Asia or Africa some in the countries and girls education



to take opportunities limitedness because of difference girls to the detriment of to be possible.

Gender gap in Uzbekistan reduce for girls and guys for one kind education opportunities create It is necessary. Especially the young men. to winter encourage them in study to success encouraging special programs working exit and education environment diversification to do through the results improve possible. With this together, international progressive experiments study and adaptation education quality to increase service does.



**Figure 3. Reading gender difference in productivity countries in the section**

### Home findings :

#### • General performance :

- Uzbekistan to read literacy according to average score 336
- This is Uzbekistan. participant countries between a little behind to the seat put.

#### • Strong and weak sides :

- From Uzbekistan students decoding and literally understanding such as main reading in skills solid to the foundation has They were divided.
- However, they texts analysis to do, information assessment and conclusions release such as more complicated tasks with They fought.

#### • Socio-economic imbalances :

- High and lower socio-economic in the environment students between reading in efficiency noticeable difference observed.
- Less provided from families was students winter literacy according to more result did not show.

#### • Regional changes :

- Uzbekistan various in the regions to read in indicators noticeable differences there is was.
- Urban areas, usually rural from places column village in the regions targeted interventions the necessity shows.


### **Discussion**


Uzbekistan for reading literacy PISA 2022 assessment results in the future discussion to do and strategic requiring planning one how much important conclusions open gives. In the country last in years various in areas including education in the field noticeable to achievements achieved although, reading literacy according to relatively low indicators targeted measures and reforms the necessity emphasizes.


The most amazing from observations one Uzbekistan indicators and OECD average indicators between noticeable This is a difference. imbalance country own prepare students for success in the 21st century achieve for necessary was important reading skills with in furnishing face coming problems shows. Results analysis this It turns out that Uzbek students complicated texts understanding, information to take and reading to the materials critical thinking skills in use suffering possible.

This to difficulties one how many factors help to give possible. First, many in schools applicable traditional teaching methods high level thinking abilities and independent education abilities to develop enough at the level help not giving possible. Active education strategies and critical thinking exercises own inside received to the student directed to approaches transition useful to be Secondly, different kind winter materials, especially English to the language entrance limitedness students various genres, writing styles and cultural point of view to look at has to be obstacle to do possible. From the classroom outside book winter habits encouragement and wider books and digital from resources use provide this problem solution to do help gives.

Next in years of the students reading literacy increase for one how many main strategies seeing exit need :

 Study program reform To do : Study program reading through critical thinking, problems solution to do and analytical skills to develop priority importance to give for again seeing exit need to read understanding and text to the analysis more attention to give important.

 Of the disciples qualification Increase : Teachers their own pedagogical skill and to read of teaching effective methods according to knowledge increase for permanent from training transitions This is a differentiated education, assessment strategies and to read to study support for from technologies use own inside takes.

 In the classroom internships : Teachers students reading to the process active attraction to do for voice remove think, discuss to do and project based on study such as various kind education strategies done increases need.



“ Home and School Partnership : Parents at home education to take for comfortable environment create and book winter habits promote to do through of their children education in the taking active role to play their motivations need.



The library Development : Schools of the students to study interest encouragement for various kind books and digital to resources has was good equipped to libraries investment inputs need.



Evaluation : Students reading literacy according to achievements control to do and improve directions determination for regular accordingly assessments transfer This is necessary. assessments study to the program suitable arrival and teachers and to students practical feedback presented to be able need.

This strategies done increase through Uzbekistan to read literacy according to its PISA scores to try to improve and own students globalized in the world to success achieve for necessary was skills with to provide possible

### **Conclusion**

Conclusion as in other words, Uzbekistan for reading literacy PISA 2022 results by in the country of education current status about valuable thoughts presented General indicator OECD average Although lower than the index, it is an improvement recognize the potential need. Strategic events done increase and main to directions attention focus through Uzbekistan of students reading literacy skills noticeable at the level increase possible.

Study programs reform to do, teachers qualification increase and in the classroom innovative practices wide comprehensive strategy important structural are parts of. From this strong both at school and at home reading culture formation important importance has. To libraries investment input, various winter from materials use opportunity provide and reading habits encouragement through Uzbekistan qualified readers generation create possible.

Regular assessment through of the students success following to go and future events aware to do for from data use very important. Active approach and to the evidence based practices application through Uzbekistan reading literacy according to noticeable to improvements achieve and own expose students to the problems of the 21st century preparation for himself/herself manifestation to do possible.

### **References:**

1. OECD (2023), PISA 2022 Results (Volume I): The State of Learning and Equity in Education, PISA, OECD Publishing, Paris, <https://doi.org/10.1787/53f23881-en>
2. OECD (2023), PISA 2022 Results (Volume II): Learning During – and From – Disruption, PISA, OECD Publishing, Paris, <https://doi.org/10.1787/a97db61c-en>
3. Lenhart, A., Duggan, M., Perrin, A., Stepler, R., Rainie, H., & Parker, K. (2015). Teens, social media & technology overview 2015.



4. Harlaar, N., Dale, P. S., & Plomin, R. (2020). Genetic influences on reading ability from childhood to adulthood: A longitudinal twin study. *Psychological Science*, 31(1), 128-138.
5. Hattie, J. (2009). *Visible learning: A synthesis of over 800 meta-analyses relating to achievement*. Routledge.
6. Kirsch, I. S., de Jong, J. A., Lafontaine, D., McQueen, K., Mendelovits, J., & Monseur, C. (2014). *PISA 2012 Results: Reading Literacy (Vol. I)*. OECD Publishing.
7. National Reading Panel. (2000). *Report of the National Reading Panel: Teaching children to read*. National Institute of Child Health and Human Development, 1 National Institutes of Health
8. Jumanova, S., & Odilova, M. (2024). O ‘ZBEKISTONNING XALQARO PISA TESTIDAGI NATIJALARI VA UN DAN TA’LIM TIZIMI SAMARADORLIGINI RIVOJLANTIRISHDA FOYDALANISH MASALALARI. *QO ‘QON UNIVERSITETI XABARNOMASI*, 11, 66-70.
9. Jumanova, S. I., & Maxliyoxon, O. (2024). O ‘Zbekistonda Maktab Ta’limini Xususiylashtirish Va Pisa Testiga Tayyorlash Masalalari. *Kokand University Research Base*, 13-16.
10. Ikromjonovna, J. S., & Axadjon o‘g‘li, A. A. (2023). O ‘ZBEKISTONDA PISA TESTI NATIJALARI VA BOSHLANG ‘ICH TA’LIM O ‘QUVCHILARINI BU TESTGA TAYYORLASH ISTIQBOLLARI. *QO ‘QON UNIVERSITETI XABARNOMASI*, 9, 159-162.
11. Ikromjonovna, J. S., & Maxliyoxon, O. (2024). *Xalqaro Pisa Testining Ta’limdagi Ahamiyati*. Kokand University Research Base, 266-269.
12. Odilova, M. (2024). O‘ZBEKISTON TA’LIM TIZIMIDA PISA TESTINING ISTIQBOLLARI. *Nordic\_Press*, 3(0003).